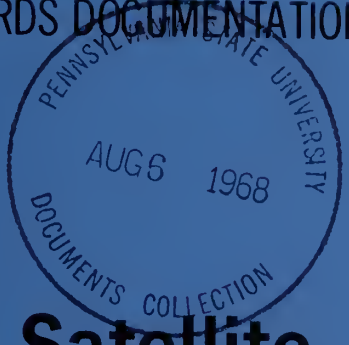
U.S. DEPARTMENT OF COMMERCE · Environmental Science Services Administration

Environmental Data Service

KEY TO METEOROLOGICAL RECORDS DOCUMENTATION NO. 5.313



Catalog of Meteorological Satellite Data –ESSA 3 Television Cloud Photography

Part 1

PURPOSE

The Key to Meteorological Records Documentation Series has been established to provide guidance information to research personnel making use of climatological data.

Frequently users of such data have found it necessary to spend a great deal of time establishing whether the criteria for observing or computing various elements have changed over the period of record or in what form the data are available.

It is therefore hoped that the presentation of this series may not only conserve valuable time but may have a direct influence in improving the accuracy of research results.

EARLIER TIROS AND ESSA DATA CATALOGS

Earlier catalogs of TIROS and ESSA Meteorological Satellite data are available in this series, as follows:

No. 5.31 "Catalogue of Meteorological Satellite Data - TIROS I Television Cloud Photography", published in 1961, price 70 cents.

No. 5.32 "Catalogue of Meteorological Satellite Data - TIROS II Television Cloud Photography", published in 1963, price 20 cents.

No. 5.33 "Catalogue of Meteorological Satellite Data - TIROS III Television Cloud Photography", published in 1962, price 70 cents.

No. 5.34 "Catalogue of Meteorological Satellite Data - TIROS IV Television Cloud Photography", published in 1963, price $1.00.

No. 5.35 "Catalogue of Meteorological Satellite Data - TIROS V Television Cloud Photography", published in 1964, price $1.75.

No. 5.36 "Catalogue of Meteorological Satellite Data - TIROS VI Television Cloud Photography", published in 1964, price $2.00.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 1 June 19, 1963 to December 31, 1963", published in 1965, price $1.25.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 2 January 1, 1964 to June 30, 1964", published in 1965, price $1.00.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 3 July 1, 1964 to December 30, 1964", published in 1964, price $1.00.

No. 5.37 "Catalogue of Meteorological Satellite Data - TIROS VII Television Cloud Photography Part 4 January 1, 1965 to December 31, 1965", published in 1966, price 45 cents.

No. 5.38 "Catalogue of Meteorological Satellite Data - TIROS VIII Television Cloud Photography Part 1 December 21, 1963 to June 30, 1964", published in 1965, price $1.00.

No. 5.38 "Catalogue of Meteorological Satellite Data - TIROS VIII Television Cloud Photography Part 2 July 1, 1964 to December 31, 1964", published in 1965, price $1.00.

No. 5.38 "Catalogue of Meteorological Satellite Data - TIROS VIII Television Cloud Photography Part 3 January 1, 1965 to August 31, 1965", published in 1966, price 45 cents.

(Continued on inside of back cover.)

U.S. DEPARTMENT OF COMMERCE
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KEY TO METEOROLOGICAL RECORDS DOCUMENTATION NO. 5.313

Catalog of Meteorological Satellite Data —ESSA 3 Television Cloud Photography

Part 1

October 4 - December 31, 1966

WASHINGTON, D.C.
1968

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington, D.C. 20402 - Price 75 cents

PREFACE

This is the first issue in a series of catalogs describing the television cloud photographs obtained by ESSA 3 meteorological satellite. The material in this issue covers the period of October, November and December 1966. The maps and listings generally follow the pattern established in the "Catalogue of Meteorological Satellite Data - TIROS I Television Cloud Photography", published as No. 5.31 in the Weather Bureau Series Key to Meteorological Records Documentation. However, emphasis is placed on the date and track number as a means of identifying the film.

Documentation Section
National Environmental Satellite Center

USING THE CATALOG

1. Scan the cloud maps for dates and areas of interest.

2. When a picture of interest is located, the film can be ordered by date from the National Weather Records Center, Asheville, N. C., at a cost of $8.50 per day.

3. Information for a particular pass, such as the time interval between frames, actual picture taking pass number and number of usable frames, may be determined by using the tabulated listings preceding the composite nephanalyses.

CATALOG OF METEOROLOGICAL SATELLITE DATA -
ESSA 3 Television Cloud Photography
PART 1 - October 4, 1966 to January 1, 1967

The ESSA 3 meteorological satellite, launched on October 2, 1966 by the National Aeronautics and Space Administration, is the third Environmental Survey Satellite in the TIROS Operational (TOS) System. ESSA 3 was put into a nearly circular, sun-synchronous polar orbit, approximately 892 statute miles above the earth's surface with an apogee of 925 statute miles and a perigee of 859 statute miles. The orbit is inclined 79° (Retrograde) to the equatorial plane with a nodal period of 114.5 minutes which corresponds to slightly more than 13 circuits of the earth each day.

ESSA 3 is a TIROS type satellite in a "cartwheel" configuration which allows earth-oriented picture coverage. The spacecraft is spin-stabilized and magnetically torqued to a wheel attitude, so that the spin axis is normal to the plane of the orbit and the radially mounted cameras view the earth once during each spacecraft revolution about its axis.

The cameras in the ESSA 3 satellite are one inch diameter vidicons (television camera tube) of the Advanced Vidicon Camera System (AVCS) type. Each picture covers an area of approximately 4,000,000 square miles. One camera provides full global coverage, therefore, two cameras provide full system redundancy.

Each of the cameras can independently take pictures and store them for later playback to one of the Command-and-Data-Acquisition (CDA) stations which are located at Wallops Station near Chincoteague, Va., and Gilmore Creek, Fairbanks, Alaska.

Pictures, taken every 260 seconds, are usually obtained in sequences of twelve frames to a pass. Each frame is electronically gridded by computer with latitude and longitude lines and geographic outlines merged with the picture. An identification legend underneath each picture provides the following information: year, month, day, hour, minute and second of picture taking time; track and zone numbers; station initial; satellite number; mode; camera; latitude of a labeled grid intersection near the picture center; latitude spacing of grids in degrees; longitude of a labeled grid intersection near the picture center; longitude spacing of grids in degrees; pass number; frame number; and sun glint position.

In the example of figure 1, the legend indicates the picture was taken on orbital pass number 1675 by ESSA 3 and that it is a TAPE picture taken by camera 2 on February 12, 1967 at 203807Z. The frame is number four in the sequence and was acquired at Fairbanks, Alaska. The picture is located in the area of track 4 (TABLE 1) zone 58 (not referenced) with the subsatellite point of the picture located near 25°N and 105°W. The grids are spaced 5° both in latitude and longitude and sun glint is shown in the picture at 19°N and 109°W.

For ESSA 3 the system of "TRACKS" is used to identify the general geographic areas over which picture sequences were taken. These tracks are listed in the ESSA 3 track table (TABLE 1) which appears in this catalog immediately following the tabulated listings. The track boundaries are parallel to the path followed by the subsatellite point during the daylight portion of each orbital pass. The width of each track is exactly equal to the amount the earth rotates between consecutive passes. Thus, in general, the subsatellite point makes one traverse along each track each day (from midnight to midnight, GMT). The track boundaries are fixed permanently for the life of ESSA 3, and are arbitrarily referenced to the point 0° latitude, 0° longitude, with track numbers increasing westward.

Since the ESSA 3 orbital period of 114.5 minutes is not an exact submultiple of 24 hours, the satellite starts 12 and 13 passes on alternate days. This results in track 13 being much narrower than the others and, thus, it is not traversed every day. There are also days on which one particular track is traversed just after GMT midnight, and again later the same day just before GMT midnight.

On the film reels, picture sequences are grouped together by track number and assembled in chronological order. Track numbers are stamped on the film immediately preceding the sequence to which they apply.

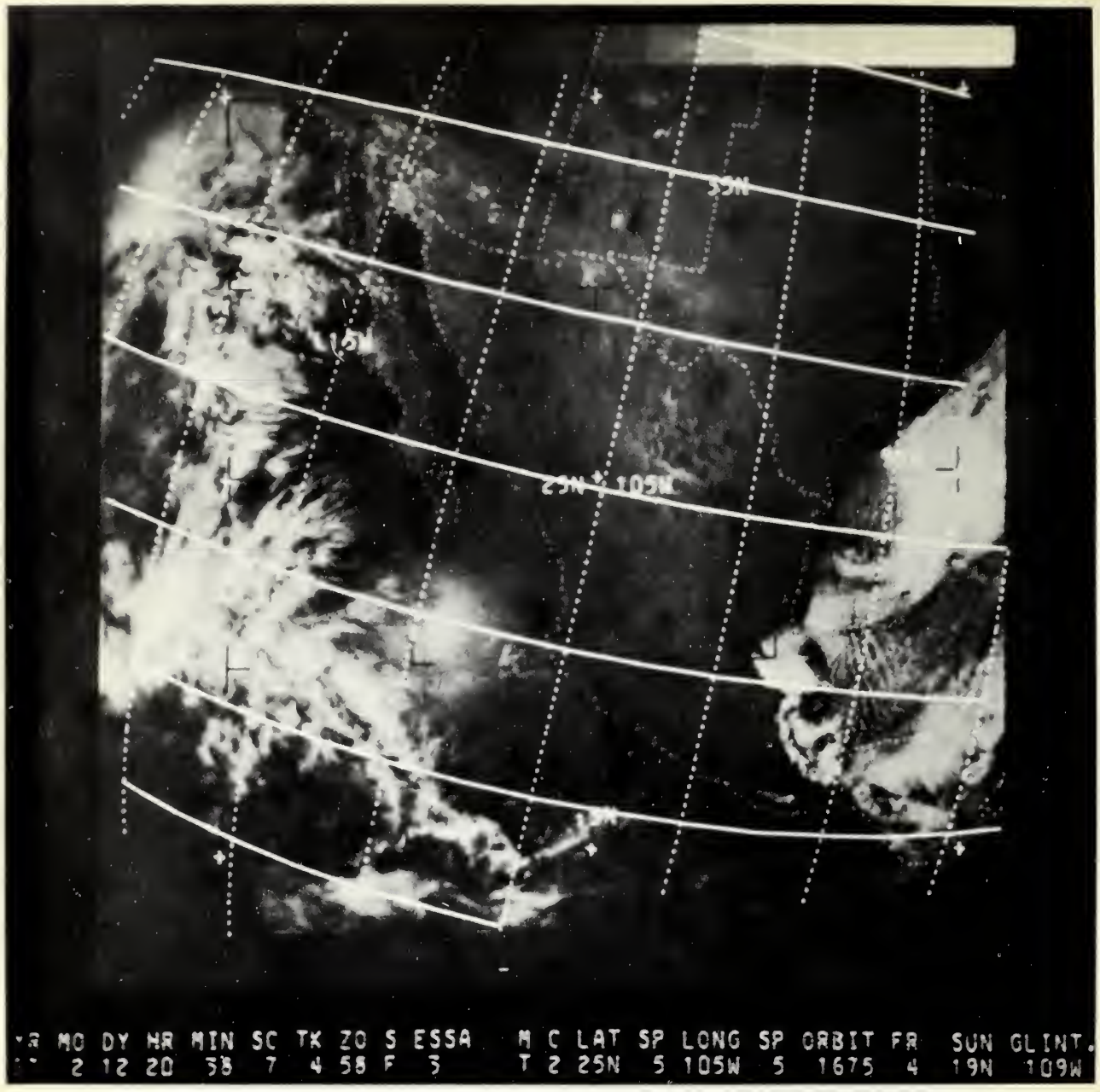


Figure 1 - Example of ESSA 3 Cloud Photography

The following pages of maps and tabulated listings give descriptive information about the pictures obtained by ESSA 3. In the listings each picture sequence is described by one line, and the sequences are grouped together by date and track number. This is the order in which they appear on the film reel. The column headings and entries have the following meanings:

DATE: For tape (remote) sequences - month and day of the daylight equator crossing of the subsatellite point.

For direct sequences - month and day of the midpoint time of the sequence.

TRACK: Defines the geographical area which contains the path of the subsatellite point. The entries refer to TABLE 1.

TIME: Approximate time in hours and minutes
(a) For tape sequences - daylight equator crossing
(b) For direct sequences - midpoint time of the sequence

FILM LEGEND: This section gives the information actually appearing on the film in the panel board legend accompanying each picture

PASS: Orbital pass number on which the pictures were read out.

M: Mode of transmission indicated in the legend.

D = Direct

T = Tape

C: Camera number indicated in the legend.

1 = Camera number one

2 = Camera number two

S: CDA station which received the sequence.

W = Wallops Station, Va.

G = Fairbanks, Alaska

P/T PASS: Equator crossing pass number of the picture sequence. On the composite maps in this catalog, this number appears beneath the nephanalysis for the picture sequence.

FRAME:
TI: Time interval, in seconds, between frames,
V: Indicates time interval varies within the sequence.
US: Number of usable frames in the sequence.

METEOROLOGICAL AND OTHER FEATURES:

EXTRATROPICAL CIRCULATIONS - TABLE (1)

0. CLOUD VORTEX (Well Defined)
1. CLOUD VORTEX (Poorly Defined)
2. CLOUD VORTEX (With Frontal Band or Other Associated Band(s))
3. CLOUD VORTEX (WITH DOUBLE CENTER)
4. CIRCULATION CENTER
5.
6.
7.
8.
9. CLOUD VORTEX (Unusual Appearance

TROPICAL DISTURBANCES - TABLE (2)

0. Hurricane or TYPHOON (Named)
1. Tropical STORM (Named)
2. CLOUD VORTEX (Well Defined)
3. CLOUD VORTEX (Poorly Defined)
4. DISTURBED AREA (2^{o} or less in extent)
5. DISTURBED AREA (2^{o} to 4^{o} in extent)
6. DISTURBED AREA (Over 4^{o} in extent)
7. ASYMPTOTES OF CONVERGENCE
8. APPARENT ITC ZONE
9.

BANDS - TABLE (3)

0. PROBABLE FRONT (Well Defined)
1. PROBABLE FRONT (Poorly Defined)
2. APPARENT OCCLUDED FRONT
3. APPARENT STABLE OR OPEN WAVE
4. PROBABLE FRONT (With Cloud Vortex)
5. BAND, LOW LATITUDE (Within 15^{o} of the Equator)
6. BAND, HIGH THIN CLOUDS (Possible Jet Association)
7. PRESUMED NON-FRONTAL
8.
9. BAND OF UNUSUAL APPEARANCE

CLOUD FEATURES - TABLE (4)

0. SOLID CELLS (Random)*
1. SOLID CELLS (Organized Pattern)*
2. HOLLOW POLYGONAL OR CRESCENT PATTERN*
3. VERMICULATED CLOUD PATTERN*
4. COASTAL STRATUS
5. INLAND STRATUS OR FOG (Including Penetrating Coastal Stratus)
6. CLOUD STREETS (Extratropical)
7. CLOUD STREETS (Tropical)
8.
9.

*0, 1, 2 and 3 refer to homogeneous cloud field greater than 3^{o} of great circle arc in diameter.

CLOUD FEATURES - TABLE (5)

0. CUMULONIMBUS (no Apparent Organization)
1. CB's or Other Evidence of Violent Weather Over the United States
2. CB's in Apparent Squall Lines
3. EDDY PATTERNS
4. VORTICAL PATTERN IN A CELLULAR FIELD
5. MOUNTAIN WAVE CLOUDS
6. APPARENT GRAVITY WAVES (Not Obviously Associated with Terrain)
7.
8.
9. UNUSUAL CLOUD CONFIGURATION

MISCELLANEOUS - TABLE (6)

0. ICE OR SNOW (Glacial)
1. SNOW (Non-Mountainous)
2. SNOW (Mountain)
3. ICE ON SEAS
4. ICE ON LAKES OR RIVERS
5. SUN GLINT
6. HAZE OR SMOG
7. PROBABLE CONTRAILS
8. LANDMARK OF EXCEPTIONAL QUALITY
9. LANDMARK, DISCERNIBLE

Following the listings is a series of maps which shows the area covered by each sequence having usable frames for which picture taking time has been determined.

Most of the picture sequences were analyzed for their cloud content during routine operations and these nephanalyses have been reproduced on the maps. Each nephanalysis is identified with the date and track number (preceded by a "T") and the equator crossing number that occurred during the nephanalysis. The track number and date should be utilized as the primary identification of the nephanalysis. Satellite attitude and exposure time are not always accurately known at the time the nephanalyses are constructed. However, most of the nephanalyses are considered to be geographically accurate to about $\pm$ 2° with a few ranging from $\pm$ 1° to $\pm$ 5°. Users are cautioned not to attribute any greater accuracy to the locations of cloud patterns shown.

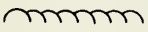
The symbols used in the nephanalyses are defined by the following legend:

CUMULOFORM CLOUD

STRATIFORM CLOUD

CIRROFORM CLOUD

APPARENT CUGG OR CB


BOUNDARY OF MAJOR CLOUD SYSTEMS - FRONTS, VORTICES, OR OTHER SYSTEM DOMINATING THE SCENE VIEWED BY THE SATELLITE

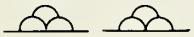
DEFINITE BOUNDARY OF MORE OR LESS UNORGANIZED CLOUD MASSES

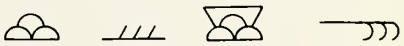
INDEFINITE BOUNDARIES OF MORE OR LESS UNORGANIZED CLOUD MASSES

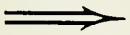
STRIATIONS

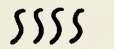
STRIATIONS, TENUOUS

CLOUD LINES


CLOUD LINES, TENUOUS - CLOUD FORM DENOTED BY




DIRECTION OF SHEAR OF CIRRUS - FROM CB ANVIL OR OTHER SOURCE


WAVE CLOUDS (MOUNTAIN OR TRANSVERSE)

ESTIMATED LOCATION OF JET STREAM - SHAFT MAY BE BROKEN TO AVOID OBSCURING SYMBOLS INSIDE NEPH BOUNDARY

VORTEX

HEAVY

THIN

CLOUD AMOUNT

OPEN (O)	=	< 20% coverage
MOSTLY OPEN (MOP)	=	20-50% coverage
MOSTLY COVERED (MCO)	=	50-80% coverage
COVERED (C)	=	> 80% coverage

NOTE: STIPPLING WILL BE USED TO EMPHASIZE THE AREAS CONSIDERED BY THE ANALYST TO BE OF GREATEST SYNOPTIC SIGNIFICANCE.

The ESSA 3 master films are deposited at the National Weather Records Center (NWRC), Environmental Science Services Administration, Federal Building, Asheville, North Carolina 28801. Persons or institutions desiring copies may order them from the NWRC in the form of 35 mm. positive transparencies for projection or 35 mm. duplication negatives from which opaque copies can be made. Pictures are ordered by date at a cost of $8.50 per day. All copies will be furnished with sprocket holes since the necessary film emulsion is available only in this form. It is not possible to furnish copies of individual frames or to provide enlargements or other picture formats.

Available also from the NWRC, for the cost of reproduction, are reels of microfilmed nephanalysis charts for TIROS I thru ESSA 1.

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1004	6	0013	0020	T	2	G	0020	260	06						
1004	7	0208	0021	T	2	G	0021	260	06						
1004	8	0403	0024	T	1	W	0022	260	06						
1004	9	0557	0024	T	1	W	0023	260	06						
1004	10	0752	0024	T	1	W	0024	260	06						
1004	11	0947	0026	T	1	G	0025	260	06						
1004	12	1141	0026	T	1	G	0026	260	06						
1004	13	1336	0027	T	1	G	0027	260	06						
1004	1	1531	0028	T	2	G	0028	260	06						
1004	2	1725	0029	T	1	W	0029	260	06			9	0	3	
1004	3	1920	0030	T	1	W	0030	260	05		931	8	05	2	6
1004	4	1908	0031	T	1	G	0030	260	01						
1004	5	2114	0031	T	1	G	0031	260	06		21	7			
1004	6	2309	0032	T	1	G	0032	260	12	33	1	9	0	3	
1005	7	0104	0033	T	1	G	0033	260	12	337	1	7791	00		0
1005	8	0258	0036	T	1	W	0034	260	12						
1005	9	0453	0036	T	1	W	0035	260	12	2		939			
1005	10	0648	0036	T	1	W	0036	260	12	1	1	13		8	
1005	11	0842	0037	T	1	W	0037	260	12						
1005	12	1037	0038	T	1	G	0038	260	12	9		93	0	8	0
1005	13	1232	0039	T	1	G	0039	260	12			779			
1005	1	1426	0040	T	1	G	0040	260	12		1	339	8		90
1005	2	1621	0041	T	1	G	0041	260	12		1	9279	88	8	
1005	3	1816	0042	T	1	G	0042	260	12						
1005	4	2010	0043	T	2	G	0043	260	12	3	919	72	0506	979	607
1005	5	2205	0044	T	2	G	0044	260	12	3121	1	7921	00	2	
1005	6	2400	0045	T	2	G	0045	260	12	73		216	00		
1006	7	0154	0046	T	2	G	0046	260	12	7	66	299	0	7	
1006	8	0349	0049	T	2	W	0047	260	12	27	1	2937	5	6	0
1006	9	0544	0049	T	2	W	0048	260	12	912	1	9138			09
1006	10	0738	0049	T	2	W	0049	260	12		1	339		68	01
1006	11	0933	0050	T	2	W	0050	260	12		11	98	0	6	000
1006	12	1127	0051	T	2	G	0051	260	12			99			000
1006	13	1322	0052	T	2	G	0052	260	12	97		993		2	0000
1006	1	1517	0053	T	2	G	0053	260	12		61	199	08		00
1006	2	1711	0054	T	2	G	0054	260	12	2	1	9297		88	
1007	6	0050	0058	T	1	G	0058	260	12	0	1	7792			
1007	7	0245	0061	T	1	W	0059	260	12	1	1	997	0		
1007	8	0439	0061	T	1	W	0060	260	12	0	18	99			9
1007	9	0634	0061	T	1	W	0061	260	12			79	5		
1007	10	0829	0062	T	1	W	0062	260	12	9	11	89	0050		6
1007	11	1023	0063	T	1	G	0063	260	12		1	9			
1007	12	1218	0064	T	1	G	0064	260	12	70	1	99	05	4	6
1007	13	1412	0065	T	1	G	0065	260	12	0	4	2	0		
1007	1	1607	0066	T	1	G	0066	260	12			999	00		
1007	2	1802	0067	T	1	G	0067	260	12			827	8506	7	6
1007	3	1956	0068	T	1	G	0068	260	12	2	91	6	6	72	60
1007	4	2151	0069	T	1	G	0069	260	12	2	1	79	008	2	
1007	5	2346	0070	T	1	G	0070	260	12	1		6			
1008	6	0140	0071	T	1	G	0071	260	12	7	1	3			0
1008	7	0335	0073	T	1	W	0072	260	12		6	9394		6	0
1008	8	0530	0073	T	1	W	0073	260	12			7			
1008	9	0724	0074	T	1	W	0074	260	12			9993	0		0
1008	10	0919	0075	T	1	W	0075	260	12	99	1	933	0		06
1008	11	1114	0076	T	1	G	0076	260	12			9381			000
1008	12	1308	0077	T	1	G	0077	260	12	186	1	9193	0		00
1008	1	1503	0078	T	1	G	0078	260	12	020	1	2722	080		
1008	2	1658	0079	T	1	G	0079	260	12		1	7987			
1008	3	1852	0080	T	1	G	0080	260	12			706			
1008	4	2047	0081	T	1	G	0081	260	12		1	677			
1008	5	2242	0082	T	1	G	0082	260	12			7			
1009	6	0036	0083	T	1	G	0083	260	12			77			
1009	7	0231	0086	T	1	W	0084	260	12	7	61	9	0	7	
1009	8	0426	0086	T	1	W	0085	260	12		6	99	00	7	
1009	9	0620	0086	T	1	W	0086	260	12	98		99	0	75	6
1009	10	0815	0087	T	1	W	0087	260	12		1	99	0	42	6
1009	11	1009	0088	T	1	G	0088	260	12	9	61	89	50	4	
1009	12	1204	0089	T	1	G	0089	260	12	11	1	97	4	7	
1009	13	1359	0090	T	1	G	0090	260	12		1	799		4	
1009	1	1553	0091	T	1	G	0091	260	12	7	166	7939	0		0
1009	2	1748	0092	T	1	G	0092	260	12		3	7299	70	7	0
1009	3	1943	0093	T	1	G	0093	260	12	19	99	27	59		
1009	4	2137	0094	T	1	G	0094	260	12		1	7			
1009	5	2332	0095	T	1	G	0095	260	12		1	7			
1010	6	0127	0096	T	1	G	0096	260	12	7	1	76			
1010	7	0321	0098	T	1	W	0097	260	12	093	19	779			9
1010	8	0516	0098	T	1	W	0098	260	12	1	1			78	0
1010	9	0711	0099	T	1	W	0099	260	12		1	3			0
1010	10	0905	0100	T	1	W	0100	260	12	1	1	8			060
1010	11	1100	0101	T	1	G	0101	260	12		6	3			00
1010	12	1254	0102	T	1	G	0102	260	12	9		8893			00

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1010	1	1449	0103	T	1	G	0103	260	12	71	1	733			00
1010	2	1644	0104	T	1	G	0104	260	12			724	0		6
1010	3	1838	0105	T	1	G	0105	260	12	8		277	00	52	0
1010	4	2033	0106	T	1	G	0106	260	12		9	7	00	22	00
1010	5	2228	0107	T	1	G	0107	260	12		1	7			.
1011	6	0022	0108	T	1	G	0108	260	12						
1011	7	0217	0111	T	1	W	0109	260	12	19	9	339	0	78	0
1011	8	0412	0111	T	1	W	0110	260	12	9		9	0		
1011	9	0606	0111	T	1	W	0111	260	12	9	11	1913	007		00
1011	10	0801	0112	T	1	W	0112	260	12	1	1	39			06
1011	11	0956	0113	T	1	G	0113	260	12		1	23	0		000
1011	12	1150	0114	T	1	G	0114	260	12		1	1633			0000
1011	13	1345	0115	T	1	G	0115	260	12			13			00
1011	1	1540	0116	T	1	G	0116	260	12		1	783	5		60
1011	2	1734	0117	T	1	G	0117	260	12	973	1	27			9000
1011	3	1929	0118	T	1	G	0118	260	12	7			00		0
1011	4	2124	0119	T	1	G	0119	260	12	717	1	2131	0	62	06
1011	5	2318	0120	T	1	G	0120	260	12	31	1	6711			6
1012	6	0113	0121	T	1	G	0121	260	12	77	1	777			
1012	7	0307	0124	T	1	W	0122	260	12		91	97	8	9	
1012	8	0502	0124	T	1	W	0123	260	12	9	1	9	0	7	7
1012	9	0657	0124	T	1	W	0124	260	12		1			6	
1012	10	0851	0125	T	1	W	0125	260	12	028	1	9922		779	976
1012	11	1046	0126	T	1	G	0126	260	12	3	1	2	8	4	
1012	1	1435	0128	T	1	G	0128	260	12	77		9779	8086	4	
1012	2	1630	0129	T	1	G	0129	260	12	8020	1	673	0	43	
1012	3	1825	0130	T	1	G	0130	260	12			2270	50	77	
1012	4	2019	0131	T	1	G	0131	260	12	177		2	0	2	660
1012	5	2214	0132	T	1	G	0132	260	12		1	7	0	2	6
1013	6	0009	0133	T	1	G	0133	260	12	300	1	7269	00	6	
1013	7	0203	0136	T	1	W	0134	260	12	0	1	77	0		7
1013	8	0358	0136	T	1	W	0135	260	12	997	11		0	98	
1013	9	0552	0136	T	1	W	0136	260	12	81	1	229	4	7	
1013	10	0747	0137	T	1	W	0137	260	12	41		22		8	6
1013	11	0942	0138	T	1	G	0138	260	12		31	826		4	
1013	12	1136	0139	T	1	G	0139	260	12	77	1	2	048	424	9
1013	13	1331	0140	T	1	G	0140	260	12	1	1	2272	058	2	
1013	1	1526	0141	T	1	G	0141	260	12		1	2269	00		00
1013	2	1720	0142	T	1	G	0142	260	12	99		9392			000
1013	3	1915	0143	T	1	G	0143	260	12			21		62	096
1013	4	2110	0144	T	1	G	0144	260	12	91		1292	00	22	
1013	5	2304	0145	T	1	G	0145	260	12	7		9	00		
1014	6	0059	0146	T	1	G	0146	260	12	9918	1	3199			00
1014	7	0254	0149	T	1	W	0147	260	12	297	1	7232	8	99	
1014	8	0448	0149	T	1	W	0148	260	12	3	1	92	50	47	97
1014	9	0643	0149	T	1	W	0149	260	12	2	1	225	008	7	6
1014	10	0838	0150	T	1	W	0150	260	12	2	1	2289	4		76
1014	11	1032	0151	T	1	G	0151	260	12	0	1	82	50		
1014	12	1227	0152	T	1	G	0152	260	12	1		2726	450	49	
1014	13	1422	0153	T	1	G	0153	260	12	7	1	22	0		
1014	1	1616	0154	T	1	G	0154	260	12	770		292			
1014	2	1811	0155	T	1	G	0155	260	12	9377		69	0	88	0700
1014	3	2005	0156	T	1	G	0156	260	12	33	1	2326	0	828	0000
1014	4	2200	0157	T	1	G	0157	260	12	7	1	7179	0	8	600
1014	5	2354	0158	T	1	G	0158	260	12	722	1	1297	08		
1015	6	0149	0159	T	1	G	0159	260	12	67		7932	0		
1015	7	0344	0161	T	1	W	0160	260	12		19	39			0
1015	8	0539	0161	T	1	W	0161	260	12	89	1	739	0		00
1015	9	0733	0162	T	1	W	0162	260	12	21	1	8	0600	4	666
1015	10	0928	0163	T	1	W	0163	260	12			2272	0060	8	6
1015	11	1123	0164	T	1	G	0164	260	12		1	72	5	4	
1015	12	1317	0165	T	1	G	0165	260	12	108	1	8792		2	
1015	1	1512	0166	T	1	G	0166	260	12		1	2922	68		9
1015	2	1707	0167	T	1	G	0167	260	12	77	1	7			
1015	3	1901	0168	T	1	G	0168	260	12	77		7			
1015	4	2057	0169	T	1	G	0169	260	12		1	77			
1015	5	2251	0170	T	1	G	0170	260	12	7	1	7			
1016	6	0045	0171	T	1	G	0171	260	12	9	1	7319	8009		
1016	7	0240	0174	T	1	W	0172	260	12	947		37	0	1	
1016	8	0435	0174	T	1	W	0173	260	12	2	1	7	000		
1016	9	0629	0174	T	1	W	0174	260	12		1	6			6
1016	10	0824	0175	T	1	W	0175	260	12		1		8		76
1016	11	1018	0176	T	1	G	0176	260	12		1	99	0	84	7
1016	12	1213	0177	T	1	G	0177	260	12	2		7	6	847	96
1016	13	1408	0178	T	1	G	0178	260	12	7		76			
1016	1	1603	0179	T	1	G	0179	260	12		1	9	000		
1016	2	1757	0180	T	1	G	0180	260	12	7	1	989		6	
1016	3	1952	0181	T	1	G	0181	260	12		1				
1016	4	2146	0182	T	1	G	0182	260	12	9	1	3			0
1016	5	2341	0183	T	1	G	0183	260	12	9	1	9332			
1017	6	0136	0184	T	1	G	0184	260	12	1321		93	0	6	0

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1017	7	0330	0186	T	1	W	0185	260	12		19	138	0		00
1017	8	0525	0186	T	1	W	0186	260	12	9	1	83	0		0000
1017	9	0720	0187	T	1	W	0187	260	12		1	21		4	76
1017	10	0914	0188	T	1	W	0188	260	12	32	324	82	500	448	676
1017	11	1109	0189	T	1	G	0189	260	12	8		9272		9	6
1017	12	1304	0190	T	1	G	0190	260	12			222	068	92	
1017	1	1458	0191	T	1	G	0191	260	12	20	4	9821	0880	68	6
1017	2	1653	0192	T	1	G	0192	260	12	7	4	7	0		0
1017	3	1847	0193	T	1	G	0193	260	12			77		82	0000
1017	4	2042	0194	T	1	G	0194	260	12		3	8	00		0606
1017	5	2237	0195	T	1	G	0195	260	12		1	99	00	8	
1018	6	0031	0196	T	1	G	0196	260	12			278		88	
1018	7	0226	0199	T	1	W	0197	260	12	09	11	9879	00	6	
1018	8	0421	0199	T	1	W	0198	260	12	6	1	8988	505		60
1018	9	0615	0199	T	1	W	0199	260	12		1	9997	05	66	
1018	10	0810	0200	T	1	W	0200	260	12	39	44	9711	0		
1018	11	1005	0201	T	1	G	0201	260	12	0	11	792		6	
1018	12	1159	0202	T	1	G	0202	260	12		11	9		6	
1018	13	1354	0203	T	1	G	0203	260	12	9		912	0	2	0
1018	1	1549	0204	T	1	G	0204	260	12	3	1	2991			0
1018	2	1743	0205	T	1	G	0205	260	12	39		79	0	8	007
1018	3	1938	0206	T	1	G	0206	260	12	39		7	5	2	0700
1018	4	2133	0207	T	1	G	0207	260	12	9	88	329			0
1018	5	2327	0208	T	1	G	0208	260	12		1	2			7
1019	6	0122	0209	T	1	G	0209	260	12		19	91	0	8	0
1019	7	0316	0211	T	1	W	0210	260	12	9	1	2993	00		0
1019	8	0511	0211	T	1	W	0211	260	12	5	1	386			
1019	9	0706	0212	T	1	W	0212	260	12						00
1019	10	0900	0213	T	1	W	0213	260	12		46				06
1019	11	1055	0214	T	1	G	0214	260	12			9			00
1019	12	1250	0215	T	1	G	0215	260	12	97	1	72	0		00
1019	1	1444	0216	T	1	G	0216	260	12	3	1	6921	00	8	700
1019	2	1639	0217	T	1	G	0217	260	12	11			0	8	007
1019	3	1834	0218	T	1	G	0218	260	12			78		8	00
1019	4	2028	0219	T	1	G	0219	260	12			999	0	28	60
1019	5	2223	0220	T	1	G	0220	260	12	0	1	991	00		
1020	6	0018	0221	T	1	G	0221	260	12			29	0		7
1020	7	0212	0224	T	1	W	0222	260	12	17	1	981	0		97
1020	8	0407	0224	T	1	W	0223	260	12	97		967	5		70
1020	9	0602	0224	T	1	W	0224	260	12	37	1	912			00
1020	10	0756	0225	T	1	W	0225	260	12		31	27			966
1020	11	0951	0226	T	1	G	0226	260	12	77	116	99	0		77
1020	12	1145	0227	T	1	G	0227	260	12		11	12		6	77
1020	13	1340	0228	T	1	G	0228	260	12	30	1	72	0		
1020	1	1535	0229	T	1	G	0229	260	12	70	11	778	00		9
1020	2	1729	0230	T	1	G	0230	260	12	71		99	000	888	0
1020	3	1924	0231	T	1	G	0231	260	12	2		7		28	070
1020	4	2119	0232	T	1	G	0232	260	12	617	1	777	0		0
1020	5	2313	0233	T	1	G	0233	260	12	0	1	282	00		6
1021	6	0108	0234	T	1	G	0234	260	12	98		9908			
1021	7	0303	0237	T	1	W	0235	260	12			71	402		7
1021	8	0457	0237	T	1	W	0236	260	12		3	273	400	6	70
1021	9	0652	0237	T	1	W	0237	260	12		4	29	5		76
1021	10	0847	0238	T	1	W	0238	260	12	9	6	199	0		60
1021	11	1041	0239	T	1	G	0239	260	12	3		9192	0		6000
1021	12	1236	0240	T	1	G	0240	260	12	39		892	00	7	0
1021	1	1431	0241	T	1	G	0241	260	12	393		912	0	82	000
1021	2	1625	0242	T	1	G	0242	260	12	7	1	899	00		
1021	3	1820	0243	T	1	G	0243	260	12	3		7	0	8	0000
1021	4	2015	0244	T	1	G	0244	260	12	3	1	91	0	82	0
1021	5	2209	0245	T	1	G	0245	260	12	780	1	67	00		60
1022	6	0004	0246	T	1	G	0246	260	12	20	41	28	0288		7
1022	7	0158	0249	T	1	W	0247	260	12	38	1	929	22	33	0
1022	8	0353	0249	T	1	W	0248	260	12	39	11	772	04		70
1022	9	0548	0250	T	1	W	0249	260	12	37	41	7717			070
1022	10	0742	0250	T	1	W	0250	260	12	99	6	7129		7	066
1022	11	0937	0251	T	1	G	0251	260	12	3	4	78			0
1022	12	1132	0252	T	1	G	0252	260	12	3		92	40	7	00
1022	13	1326	0253	T	1	G	0253	260	12	93	1	2		2	00
1022	1	1521	0254	T	1	G	0254	260	12	931	1	3898		8	0
1022	2	1716	0255	T	1	G	0255	260	12	7	1	6			
1022	3	1910	0256	T	1	G	0256	260	12	7		76			
1022	4	2105	0257	T	1	G	0257	260	12		1	7			
1022	5	2300	0258	T	1	G	0258	260	12		11	999	0		98
1023	6	0054	0259	T	1	G	0259	260	12	9	1	9999	00	5	6
1023	7	0249	0262	T	1	W	0260	260	12	9		9289	0		6
1023	8	0444	0262	T	1	W	0261	260	12		66	22			6
1023	9	0638	0263	T	1	W	0262	260	12	37		7	5		66
1023	10	0833	0263	T	1	W	0263	260	12		63	929			66
1023	11	1027	0264	T	1	G	0264	260	12	3	3	299			
1023	12	1222	0265	T	1	G	0265	260	12	31		2299			

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1023	13	1417	0266	T	1	G	0266	260	12	13		9	0	2	
1023	1	1611	0267	T	1	G	0267	260	12	1		3993	00		0
1023	2	1806	0268	T	1	G	0268	260	12	9		8			00
1023	3	2000	0269	T	1	G	0269	260	12			39			0
1023	4	2155	0270	T	1	G	0270	260	12	9	1	9939			0
1023	5	2350	0271	T	1	G	0271	260	12		1	889			
1024	6	0145	0272	T	1	G	0272	260	12	98	1	68	82	4	0
1024	7	0339	0274	T	1	W	0273	260	12	222	54	240	20		7
1024	8	0534	0274	T	1	W	0274	260	12	2	1	279	550		00
1024	9	0729	0275	T	1	W	0275	260	12	3		72	055	989	06
1024	10	0923	0276	T	1	W	0276	260	12	3		23	0	8	0
1024	11	1118	0277	T	1	G	0277	260	12	736		87	0	80	0000
1024	12	1313	0278	T	1	G	0278	260	12		1	79		82	80
1024	1	1507	0279	T	1	G	0279	260	12	9		969	00	7	00
1024	2	1712	0280	T	1	G	0280	260	12	9		31	0	6	90
1024	3	1856	0281	T	1	G	0281	260	12	0		9	00		000
1022	4	2051	0282	T	1	G	0282	260	12	7	11	3112			00
1024	5	2246	0283	T	1	G	0283	260	12		1	9392		6	6
1025	6	0040	0284	T	1	G	0284	260	12	97	1	9387		4	00
1025	7	0235	0287	T	1	W	0285	260	12	08	31	6727	8088	2	9
1025	8	0430	0287	T	1	W	0286	260	12		1	7327	0		
1025	9	0624	0287	T	1	W	0287	260	12		11	12		99	7
1025	10	0819	0288	T	1	W	0288	260	12		14	772	0		966
1025	11	1014	0289	T	1	G	0289	260	12	36		7	0	7	00
1025	12	1208	0290	T	1	G	0290	260	12	8	1	7			600
1025	13	1403	0291	T	1	G	0291	260	12	98	1	97	0	2	0
1025	1	1558	0292	T	1	G	0292	260	12	0	1	9	050		
1025	2	1752	0293	T	1	G	0293	260	12	9	1	999			0000
1025	3	1947	0294	T	1	G	0294	260	12	1	1	39	0		0000
1025	4	2142	0295	T	1	G	0295	260	12	9	1	2838			0
1025	5	2336	0296	T	1	G	0296	260	12		11	239	40		00
1026	6	0131	0297	T	1	G	0297	260	12	9		39			
1026	7	0325	0298	T	1	W	0298	260	12	13	11	9999	4		9
1026	8	0520	0299	T	1	W	0299	260	12	1	1	29	50		
1026	9	0715	0300	T	1	W	0300	260	12			9		66	66
1026	10	0909	0301	T	1	W	0301	260	12			37		3	000
1026	11	1104	0302	T	1	G	0302	260	12			92	0	88	006
1026	12	1259	0303	T	1	G	0303	260	12	8		7	0	8	00
1026	1	1453	0304	T	1	G	0304	260	12			1	000	8	000
1026	2	1648	0305	T	1	G	0305	260	12	6	1	891		8	000
1026	3	1843	0306	T	1	G	0306	260	12	97	1	9389		2	0000
1026	4	2037	0307	T	1	G	0307	260	12			913	5		00
1026	5	2232	0308	T	1	G	0308	260	12	9		9389			0
1027	6	0027	0309	T	2	G	0309	260	12	19	1	939	0		0
1027	7	0221	0312	T	2	W	0310	260	12			6721	0	8	
1027	8	0416	0312	T	2	W	0311	260	12	30	1	7	00	7	
1027	9	0611	0312	T	2	W	0312	260	12	87		772			60
1027	10	0805	0313	T	2	W	0313	260	12		1	2	0		6660
1027	11	1000	0314	T	2	G	0314	260	12	2	1	972	0	8	000
1027	12	1154	0315	T	2	G	0315	260	12	873		7	0		000
1027	13	1349	0316	T	2	G	0316	260	12	9		1	0	88	00
1027	1	1544	0317	T	2	G	0317	260	12	9		73			0
1027	2	1738	0318	T	2	G	0318	260	12	91		97			0
1027	3	1933	0319	T	2	G	0319	260	12		1	38			6100
1027	4	2128	0320	T	2	G	0320	260	12	9	1	93			0
1027	5	2322	0321	T	2	G	0321	260	12	99	1	27	0		96
1028	6	0117	0322	T	2	G	0322	260	12	1	1	2			6
1028	7	0312	0324	T	2	W	0323	260	12			77	0		6
1028	8	0506	0324	T	2	W	0324	260	12	1	6	72	059		
1028	9	0707	0325	T	2	W	0325	260	12		1	7	0		666
1028	10	0856	0326	T	2	W	0326	260	12	8	1	79		8	60
1028	11	1050	0327	T	2	G	0327	260	12	87	1	87			00
1028	12	1245	0328	T	2	G	0328	260	12	3			4	78	00
1028	1	1440	0329	T	2	G	0329	260	12	2	11	277	80	8	900
1028	2	1634	0330	T	2	G	0330	260	12		1	922	0		
1028	3	1829	0331	T	2	G	0331	260	12	07		8772	070	487	767
1028	4	2024	0332	T	2	G	0332	260	12		1	921	0	2	97
1028	5	2218	0333	T	2	G	0333	260	12	9	731	9227			
1029	6	0013	0334	T	2	G	0334	260	12		1	2797	0	66	66
1029	7	0207	0337	T	2	W	0335	260	12	7	66	6767	5		
1029	8	0402	0337	T	2	W	0336	260	12	7		77			
1029	9	0557	0337	T	2	W	0337	260	12	9		7			
1029	10	0751	0338	T	2	W	0338	260	12	16	11	9887			6
1029	11	0946	0339	T	2	G	0339	260	12		1	89			6
1029	12	1141	0340	T	2	G	0340	260	12	2		9			6
1029	13	1335	0341	T	2	G	0341	260	12	06	1		0	2	
1029	1	1530	0342	T	2	G	0342	260	12	6708	1	8727	00		
1029	2	1725	0343	T	2	G	0343	260	12	82	11	777	088	78	7
1029	3	1919	0344	T	2	G	0344	260	12	434		726	00	25	666
1029	4	2114	0345	T	2	G	0345	260	12	8	41	7272	85		
1029	5	2309	0346	T	2	G	0346	260	12	1	1	9277			9

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1030	6	0103	0347	T	2	G	0347	260	12			929	0		
1030	7	0258	0350	T	2	W	0348	260	12		8	7			
1030	8	0453	0350	T	2	W	0349	260	12	17	8	7			
1030	9	0647	0350	T	2	W	0350	260	12	7	4	7			
1030	10	0842	0351	T	2	W	0351	260	12	77	1	7			
1030	11	1036	0352	T	2	G	0352	260	12		1	7			
1030	12	1231	0353	T	2	G	0353	260	12	7		767			
1030	1	1426	0354	T	2	G	0354	260	12	0	1	9992	0		6
1030	2	1620	0355	T	2	G	0355	260	12	7776		776			
1030	3	1815	0356	T	2	G	0356	260	12			727	880	9	76
1030	4	2010	0357	T	2	G	0357	260	12	183	1	7722		2	9
1030	5	2204	0358	T	2	G	0358	260	12			2727			6
1030	6	2359	0359	T	2	G	0359	260	12	67	1	9279	802		7
1031	7	0154	0362	T	2	W	0360	260	12			76			
1031	8	0348	0362	T	2	W	0361	260	12	7	93	7			
1031	9	0543	0362	T	2	W	0362	260	12		88	7	5		
1031	10	0738	0363	T	2	W	0363	260	12		7				
1031	11	0932	0364	T	2	G	0364	260	12	7	1	77			
1031	12	1127	0365	T	2	G	0365	260	12			7			
1031	13	1322	0366	T	2	G	0366	260	12	7		72			
1031	1	1516	0367	T	2	G	0367	260	12	71	1	2			
1031	2	1711	0368	T	2	G	0368	260	12		12	98	0	2	6
1031	3	1905	0369	T	2	G	0369	260	12	9	334	222	5	6274	67
1031	4	2100	0370	T	2	G	0370	260	12		1	9282	470		6
1031	5	2255	0371	T	2	G	0371	260	12	9	1	7998	0027		7
1101	6	0049	0372	T	2	G	0372	260	12	6	1	6679	00		
1101	7	0244	0375	T	2	W	0373	260	12	71	9	76			
1101	8	0439	0375	T	2	W	0374	260	12	1	8				
1101	9	0633	0375	T	2	W	0375	260	12	71	8	7			
1101	10	0828	0376	T	2	W	0376	260	12	77		77			
1101	11	1023	0377	T	2	G	0377	260	12		77				
1101	12	1217	0378	T	2	G	0378	260	12						
1101	13	1412	0379	T	2	G	0379	260	12	7					
1101	1	1607	0380	T	2	G	0380	260	12		1	77			
1101	2	1801	0381	T	2	G	0381	260	12	7	1	7	0		
1101	3	1956	0382	T	2	G	0382	260	12		1	222		42	69
1101	4	2151	0383	T	2	G	0383	260	12	8	31	2	50	49	6
1101	5	2345	0384	T	2	G	0384	260	12		1	276	00		
1102	6	0140	0385	T	1	G	0385	260	12		1	76	086	7	
1102	8	0529	0387	T	2	W	0387	260	12	9		998		6	
1102	9	0724	0388	T	2	W	0388	260	12		64		0	6	
1102	10	0918	0389	T	2	W	0389	260	12		614	92	50	6	7
1102	11	1113	0390	T	2	W	0390	260	12			99			7
1102	12	1308	0391	T	2	W	0391	260	12	0	1	92			6
1102	1	1502	0392	T	2	W	0392	260	12	0		992			6
1102	2	1657	0393	T	2	G	0393	260	12		1		00		
1102	3	1852	0394	T	2	G	0394	260	12		3	772	0	4449	786
1102	4	2046	0395	T	2	G	0395	260	12		11	2		8	6
1102	5	2241	0396	T	2	G	0396	260	12		1	22	0006	4	6
1103	6	0036	0397	T	2	G	0397	260	12		1	22	8	7	
1103	7	0230	0400	T	2	W	0398	260	12	612	919		00		
1103	8	0425	0400	T	2	W	0399	260	12	3	9			7	00
1103	9	0620	0400	T	2	W	0400	260	12		4		0		0006
1103	10	0814	0401	T	2	W	0401	260	12		6	7			
1103	11	1009	0402	T	2	G	0402	260	12			297			
1103	12	1204	0403	T	2	G	0403	260	12	6	1	7			
1103	13	1358	0404	T	2	G	0404	260	12						
1103	1	1553	0405	T	2	G	0405	260	12			7			
1103	2	1747	0406	T	2	W	0406	260	12			9929			6
1103	3	1942	0407	T	2	G	0407	260	12	9		9		26	9
1103	4	2137	0408	T	2	G	0408	260	12	767	6	727		2	60
1103	5	2331	0409	T	2	G	0409	260	12	1		8329	0		
1104	6	0126	0410	T	2	G	0410	260	12	990		997	00	68	
1104	7	0321	0412	T	2	W	0411	260	12	83	1	887	04		0
1104	8	0515	0412	T	2	W	0412	260	12	3		8			00
1104	9	0710	0413	T	2	W	0413	260	12	7		98		8	60
1104	10	0905	0414	T	2	W	0414	260	12		418	7			600
1104	11	1059	0415	T	2	W	0415	260	12	7	11	92			6
1104	12	1254	0416	T	2	G	0416	260	12	0	1	7299	5		
1104	1	1449	0417	T	2	G	0417	260	12	60	11	922	0		
1104	2	1643	0418	T	2	G	0418	260	12	3333		9		76	9
1104	3	1838	0419	T	2	G	0419	260	12	131		929		62	66
1104	4	2032	0420	T	2	G	0420	260	12	17		7822	00		
1104	5	2227	0421	T	2	G	0421	260	12	1		92			
1105	6	0022	0422	T	2	G	0422	260	12	66		2778	00		9
1105	7	0216	0425	T	2	W	0423	260	12	66	11	99			
1105	8	0411	0425	T	2	W	0424	260	12	6	1	9279			7
1105	9	0506	0425	T	2	W	0425	260	12	06	1	969			7
1105	10	0800	0426	T	2	W	0426	260	12		6614	99			766
1105	11	0955	0427	T	2	G	0427	260	12	6	611	668			6
1105	12	1150	0428	T	2	G	0428	260	12	2	1	899	4	6	

DATE	TRACK	TIME	FILM LEGEND					P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
											EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C		S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1105	13	1344	0429	T	2		G	0429	260	12	2676	1	2292	40		6
1105	1	1539	0430	T	2		G	0430	260	12	0010	1	7292	0	6	
1105	2	1734	0431	T	2		G	0431	260	12	7117		2		66	6
1105	3	1928	0432	T	2		G	0432	260	12			972	0	2	9
1105	4	2123	0433	T	2		G	0433	260	12	171		292	00		09
1105	5	2318	0434	T	2		G	0434	260	12	6		799	05		
1106	6	0112	0435	T	2		G	0435	260	12	1000		8777	00		7
1106	7	0307	0438	T	2		W	0436	260	12	6	1	989	00		6
1106	8	0502	0438	T	2		W	0437	260	12		1				7
1106	9	0656	0438	T	2		W	0438	260	12		1464	29		6	66
1106	10	0851	0439	T	2		W	0439	260	12	67	1	28			7
1106	11	1045	0440	T	2		G	0440	260	12	8011	1	796			
1106	12	1240	0441	T	2		G	0441	260	12	70		888			
1106	1	1435	0442	T	2		G	0442	260	12	88	1	7867			
1106	2	1629	0443	T	2		G	0443	260	12	160	61	9	0	8	7
1106	3	1824	0444	T	2		G	0444	260	12	7		9227	400		6
1106	4	2019	0445	T	2		G	0445	260	12	911	1	922	5		0
1106	5	2213	0446	T	2		G	0446	260	12	9211	41	99	00		
1107	6	0008	0447	T	2		G	0447	260	12	2	1	2923	0		0
1107	7	0203	0450	T	2		W	0448	260	12		1	688	0		
1107	8	0357	0450	T	2		W	0449	260	12	77	11	4	0		
1107	9	0552	0450	T	2		W	0450	260	12	5	1	7299			
1107	10	0747	0451	T	2		W	0451	260	12	76	1	2			6
1107	11	0941	0452	T	2		G	0452	260	12		71	7	00	16	76
1107	12	1136	0453	T	2		G	0453	260	12	6		7620	0	17	
1107	13	1330	0454	T	2		G	0454	260	12	00	1	2	450	66	
1107	1	1525	0455	T	2		G	0455	260	12	7	4	9229	0040		
1107	2	1720	0456	T	2		G	0456	260	12	97	6				6
1107	3	1914	0457	T	2		G	0457	260	12	9		992		2	96
1107	4	2109	0458	T	2		G	0458	260	12	97	1	9797	545		96
1107	5	2304	0459	T	2		G	0459	260	12	80	1	1927	000		
1108	6	0058	0460	T	2		G	0460	260	12	99	1	9319	0		
1108	7	0253	0463	T	2		W	0461	260	12	99		0319			0
1108	8	0448	0463	T	2		W	0462	260	12			1398	0		00
1108	9	0642	0463	T	2		W	0463	260	12			8			060
1108	10	0837	0464	T	2		W	0464	260	12	6	6	73	05		60
1108	11	1032	0465	T	2		G	0465	260	12		71	17	00		7
1108	12	1226	0466	T	2		G	0466	260	12	1			540	176	
1108	1	1421	0467	T	2		G	0467	260	12		1	9922	806	42	99
1108	2	1616	0468	T	2		G	0468	260	12	399	991	7	0006		
1108	3	1810	0469	T	2		G	0469	260	12				0	7	6
1108	4	2005	0470	T	2		G	0470	260	12	6	1	12		22	
1108	5	2159	0471	T	2		G	0471	260	12	9	1	27			60
1108	6	2354	0472	T	2		G	0472	260	12	2	1	1336			
1109	7	0149	0475	T	2		W	0473	260	12	992	1	39			0
1109	8	0343	0475	T	2		W	0474	260	12	19		443			
1109	9	0538	0475	T	2		W	0475	260	12		1	27		6	00
1109	10	0733	0476	T	2		W	0476	260	12		1	136		6	000
1109	11	0927	0477	T	2		W	0477	260	12	7	7771	88	800		76
1109	12	1122	0478	T	2		G	0478	260	12			287	00	6	
1109	13	1317	0479	T	2		G	0479	260	12	9	1	22	8	2	
1109	1	1511	0480	T	2		G	0480	260	12	38	11	2922	8008	8	
1109	2	1706	0481	T	2		G	0481	260	12	0	1	79			90
1109	3	1901	0482	T	2		G	0482	260	12		1		0	82	
1109	4	2055	0483	T	2		G	0483	260	12	6	1	79	50		00
1109	5	2250	0484	T	2		G	0484	260	12	9	1	9229	0		
1110	6	0045	0485	T	2		G	0485	260	12	998	1	723		67	
1110	7	0239	0488	T	2		W	0486	260	12		1	698	0		
1110	8	0434	0488	T	2		W	0487	260	12	06	1	7791			
1110	9	0529	0488	T	2		W	0488	260	12	7	64	78			6
1110	10	0823	0489	T	2		W	0489	260	12		64	7			
1110	11	1018	0490	T	2		G	0490	260	12		77	872	0	7	7
1110	12	1212	0491	T	2		G	0491	260	12	0	1	9299	00		66
1110	13	1407	0492	T	2		G	0492	260	12		1	2729	06	24	
1110	1	1602	0493	T	2		G	0493	260	12	8	1	92	080		
1110	2	1756	0494	T	2		G	0494	260	12	0	4	296	0	8	0
1110	3	1951	0495	T	2		G	0495	260	12		1	7		2	000
1110	4	2145	0496	T	2		G	0496	260	12	03	1	77	00		0
1110	5	2340	0497	T	2		G	0497	260	12			7	0		0
1111	6	0135	0498	T	2		G	0498	260	12	089	1	719	0		0
1111	7	0330	0500	T	2		W	0499	260	12	7		7279			6
1111	8	0524	0500	T	2		W	0500	260	12	31		9	50		6
1111	9	0719	0501	T	2		W	0501	260	12	7	1	377		6	0069
1111	10	0914	0502	T	2		W	0502	260	12		6	8			60
1111	11	1108	0503	T	2		G	0503	260	12	1	4	17	05		0
1111	12	1303	0504	T	2		G	0504	260	12	39		1	4	2	9
1111	1	1458	0505	T	2		G	0505	260	12	91		992	0		
1111	2	1652	0506	T	2		G	0506	260	12			991	4		96
1111	3	1847	0507	T	2		G	0507	260	12			2	00	88	000
1111	4	2041	0508	T	2		G	0508	260	12	76	1	2			600
1111	5	2236	0509	T	2		G	0509	260	12	6	1	2	0		

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1112	6	0031	0510	T	2	G	0510	260	12	7		7479	0000	8	
1112	7	0225	0513	T	2	W	0511	260	12	37		99	0		
1112	8	0420	0513	T	2	W	0512	260	12	1		2	4		0
1112	9	0615	0513	T	2	W	0513	260	12		6	2	5		66
1112	10	0809	0514	T	2	W	0514	260	12	9	65	9292	5		9
1112	11	1004	0515	T	2	G	0515	260	12	93	6	291			9
1112	12	1159	0516	T	2	G	0516	260	12						0
1112	13	1353	0517	T	2	G	0517	260	12	9		292	0		
1112	1	1548	0518	T	2	G	0518	260	12	1		92	00		
1112	2	1743	0519	T	2	G	0519	260	12	1		77	00		9
1112	3	1937	0520	T	2	G	0520	260	12		1	78	0	278	009
1112	4	2132	0521	T	2	G	0521	260	12	3	1	7	00		00
1112	5	2327	0522	T	2	G	0522	260	12	1	1		00	8	
1113	6	0121	0523	T	2	G	0523	260	12	317	1	77	000	88	
1113	7	0316	0525	T	2	W	0524	260	12	0	17	21			9
1113	8	0510	0525	T	2	W	0525	260	12		11				
1113	9	0705	0526	T	2	W	0526	260	12	9	2	27			7660
1113	10	0900	0527	T	2	W	0527	260	12		6	2			6
1113	11	1054	0528	T	2	G	0528	260	12		5	99	4		09
1113	12	1249	0529	T	2	G	0529	260	12	1		122	5		0
1113	1	1444	0530	T	2	G	0530	260	12	7		949	0		00
1113	2	1638	0531	T	2	G	0531	260	12	92		929	0	77	6
1113	3	1833	0532	T	2	G	0532	260	12	0		7		2	0000
1113	4	2028	0533	T	2	G	0533	260	12	7	1	779	0		000
1113	5	2222	0534	T	2	G	0534	260	12	1	1	67	000	6	
1114	6	0017	0535	T	2	G	0535	260	12	62	1	7	00	78	
1114	7	0212	0538	T	2	W	0536	260	12	19		7	80	7	
1114	8	0406	0538	T	2	W	0537	260	12		61	22	0	3	
1114	9	0601	0538	T	2	W	0538	260	12	93		777	0		90
1114	10	0756	0539	T	2	W	0539	260	12	3		32	00		076
1114	11	0950	0540	T	2	G	0540	260	12	3		992			000
1114	12	1145	0541	T	2	G	0541	260	12	3	1	72	0		7900
1114	13	1339	0542	T	2	G	0542	260	12		1	298	0		0000
1114	1	1534	0543	T	2	G	0543	260	12	979	1	191	00		07
1114	2	1729	0544	T	2	G	0544	260	12	39	1	7917	000		00
1114	3	1923	0545	T	2	G	0545	260	12	09	14	9		2	7
1114	4	2118	0546	T	2	G	0546	260	12	88	1	1939	550	22	9
1114	5	2313	0547	T	2	G	0547	260	12		1	9099	0	8	
1115	6	0107	0548	T	2	G	0548	260	12	13	1	97	000	68	
1115	7	0302	0550	T	2	W	0549	260	12	393	1	726	000	65	7
1115	8	0457	0550	T	2	W	0550	260	12	3	1	662	4000		700
1115	9	0651	0551	T	2	W	0551	260	12	93	11	97	4		6007
1115	10	0846	0552	T	2	W	0552	260	12	397	1	276	0		00
1115	11	1041	0553	T	2	G	0553	260	12	33		21		8	2760
1115	12	1235	0554	T	2	G	0554	260	12	31		9982			0006
1115	1	1430	0555	T	2	G	0555	260	12	33		472	0		0
1115	2	1625	0556	T	2	G	0556	260	12	393	11	197	000		0077
1115	3	1819	0557	T	2	G	0557	260	12	2		93	0		0
1115	4	2014	0558	T	2	G	0558	260	12	9	1	93	0		00
1115	5	2208	0559	T	2	G	0559	260	12	1	11	382			0900
1116	6	0003	0560	T	1	G	0560	260	12	17	1	39			00
1116	7	0158	0563	T	1	W	0561	260	12	70	1	9922	000	66	6
1116	8	0352	0563	T	1	W	0562	260	12	2	113	99	00		
1116	9	0547	0563	T	1	W	0563	260	12	6	11	6992	404		7
1116	10	0742	0564	T	1	W	0564	260	12	9	11	27	55		66
1116	11	0936	0565	T	1	G	0565	260	12		91	92	0		6
1116	12	1131	0566	T	1	G	0566	260	12	60	1	922	0		
1116	13	1326	0567	T	1	G	0567	260	12	9	1	82	0		9
1116	1	1520	0568	T	1	G	0568	260	12	10	1	929	0	6	6
1116	2	1715	0569	T	1	G	0569	260	12	91		9929	0	66	000
1116	3	1910	0570	T	1	G	0570	260	12			993			9000
1116	4	2104	0571	T	1	G	0571	260	12		1	329	5		0006
1116	5	2259	0572	T	1	G	0572	260	12	3973	1	9139	0		0
1117	6	0054	0573	T	1	G	0573	260	12	3	1	9	00	6	
1117	7	0248	0576	T	1	W	0574	260	12	3		673	0000	5	7
1117	8	0443	0576	T	1	W	0575	260	12	33	1	2	0		7
1117	9	0637	0576	T	1	W	0576	260	12	33		226	4		760
1117	10	0832	0577	T	1	W	0577	260	12	3	1	6			760
1117	11	1027	0578	T	1	G	0578	260	12	379		793	40		00
1117	12	1221	0579	T	1	G	0579	260	12	337		77		8	700
1117	13	1416	0580	T	1	G	0580	260	12	393		7	0	2	0
1117	1	1611	0581	T	1	G	0581	260	12	39	1	7786	0		77
1117	2	1805	0582	T	1	G	0582	260	12			8931		86	6600
1117	3	2000	0583	T	1	G	0583	260	12	71	1	933	0	21	0900
1117	4	2155	0584	T	1	G	0584	260	12			130	0		00
1117	5	2349	0585	T	1	G	0585	260	12		1	31	0		02
1118	6	0144	0586	T	1	G	0586	260	12	96	1	3893	50	6	9
1118	7	0339	0588	T	1	W	0587	260	12	93	1	937	4	8	70
1118	8	0533	0588	T	1	W	0588	260	12	33	6	619		8	7000
1118	9	0728	0589	T	1	W	0589	260	12	339	111	88	50	8	7660
1118	10	0923	0590	T	1	W	0590	260	12	333	1	3	0	6	076

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1118	11	1117	0591	T	1	G	0591	260	12	33		17	4		6000
1118	12	1312	0592	T	1	G	0592	260	12	73	1	911	0400	888	000
1118	1	1506	0593	T	1	G	0593	260	12	9	1	773	30	8886	00
1118	2	1701	0594	T	1	G	0594	260	12			97	00		00
1118	3	1856	0595	T	1	G	0595	260	12		1	3	507		8006
1118	4	2050	0596	T	1	G	0596	260	12	9	1	9113	5		670
1118	5	2245	0597	T	1	G	0597	260	12	97	1	8013	80		
1119	6	0040	0598	T	1	G	0598	260	12	9	1	39	0		0
1119	7	0234	0601	T	1	W	0599	260	12	71		777	00	7	6
1119	8	0429	0601	T	1	W	0600	260	12	1		3398	4		0700
1119	9	0624	0601	T	1	W	0601	260	12	5	6	26	550		06
1119	10	0818	0602	T	1	W	0602	260	12	2	67	7	0		66
1119	11	1013	0603	T	1	G	0603	260	12	1	1	7			09
1119	12	1208	0604	T	1	G	0604	260	12	09		79	1	8	0000
1119	13	1402	0605	T	1	G	0605	260	12		1	7	0		00
1119	1	1557	0606	T	1	G	0606	260	12	3		77	00	66	
1119	2	1752	0607	T	1	G	0607	260	12	6		787		78	9
1119	3	1946	0608	T	1	G	0608	260	12	93		9319			0006
1119	4	2141	0609	T	1	G	0609	260	12	3	1	8937	5		60
1119	5	2335	0610	T	1	G	0610	260	12		11	8309	0		0
1120	6	0130	0611	T	1	G	0611	260	12	99	1	9	0		9
1120	7	0325	0613	T	1	W	0612	260	12	6		99	00		7
1120	8	0519	0613	T	1	W	0613	260	12	8		72	4		70
1120	9	0714	0614	T	1	W	0614	260	12	7	1	9	5		66
1120	10	0909	0615	T	1	W	0615	260	12	71	1	7			0
1120	11	1103	0616	T	1	G	0616	260	12	3			0	7	000
1120	12	1250	0617	T	1	G	0617	260	12	6		67		88	000
1120	1	1453	0618	T	1	G	0618	260	12	3	1	97			009
1120	2	1647	0619	T	1	G	0619	260	12	138	1	9244	0	88	0
1120	3	1842	0620	T	1	G	0620	260	12		1	33	406	6	0000
1120	4	2037	0621	T	1	G	0621	260	12	2	1	989	5		00
1120	5	2231	0622	T	1	G	0622	260	12	6	1	983	0		0
1120	6	0026	0623	T	1	G	0623	260	12	8	1	93	0	8	
1121	7	0221	0626	T	1	W	0624	260	12	61	91	9222	00		6
1121	8	0415	0626	T	1	W	0625	260	12	3	3	97	00		6
1121	9	0610	0626	T	1	W	0626	260	12	7	661	92	0		6
1121	10	0804	0627	T	1	W	0627	260	12		666	172			6
1121	11	0959	0628	T	1	G	0628	260	12	81	1	2		6	7
1121	12	1154	0629	T	1	G	0629	260	12	336		282	48		6
1121	13	1348	0630	T	1	G	0630	260	12	3	1		0	8	00
1121	1	1543	0631	T	1	G	0631	260	12	9	1	8776	0		00
1121	2	1738	0632	T	1	G	0632	260	12	9		7			
1121	3	1932	0633	T	1	G	0633	260	12		1	727		88	9000
1121	4	2127	0634	T	1	G	0634	260	12	938	11	789			606
1121	5	2322	0635	T	1	G	0635	260	12	933	1	9139			
1122	6	0116	0636	T	1	G	0636	260	12		1				
1122	7	0311	0638	T	1	W	0637	260	12	333		19	00	8	77
1122	8	0506	0638	T	1	W	0638	260	12	19		777			07
1122	9	0700	0639	T	1	W	0639	260	12	7	1	1			60
1122	10	0855	0640	T	1	W	0640	260	12	9	66	39		8	0760
1122	11	1050	0641	T	1	G	0641	260	12	93		7111	000	5888	7000
1122	12	1244	0642	T	1	G	0642	260	12	7	1	821		8	09
1122	1	1439	0643	T	1	G	0643	260	12	7		8139	060	2	0
1122	2	1633	0644	T	1	G	0644	260	12	0	45	799	020	67	
1122	3	1828	0645	T	1	G	0645	260	12	66		29	7672		78
1122	4	2023	0646	T	1	G	0646	260	12		1	2	7	2	7
1122	5	2217	0647	T	1	G	0647	260	12	91		2992			
1122	6	0012	0648	T	1	G	0648	260	12	133		272			
1123	7	0207	0651	T	1	W	0649	260	12	1397	1	3219			
1123	8	0401	0651	T	1	W	0650	260	12		1	3129	00		09
1123	9	0556	0651	T	1	W	0651	260	12	13	88	31	5		00
1123	10	0751	0652	T	1	W	0652	260	12	993	161	831		6	0606
1123	11	0945	0653	T	1	G	0653	260	12	01			0		96
1123	12	1140	0654	T	1	G	0654	260	12	6	1	497	80	4	7
1123	13	1335	0655	T	1	G	0655	260	12			898	05		0000
1123	1	1529	0656	T	1	G	0656	260	12	7	1	7799	002		7
1123	2	1724	0657	T	1	G	0657	260	12	28		2977	777		
1123	3	1919	0658	T	1	G	0658	260	12			9222	7722	2	6978
1123	4	2113	0659	T	1	G	0659	260	12	8		2722		22	9
1123	5	2308	0660	T	1	G	0660	260	12	2		9922	22		
1124	6	0102	0661	T	1	G	0661	260	12	91	66	329			
1124	7	0257	0664	T	1	W	0662	260	12	8	1	1929	444		9
1124	8	0452	0664	T	1	W	0663	260	12	99	3	8222	4		6
1124	9	0646	0664	T	1	W	0664	260	12	2	82	92	05	66	0006
1124	10	0841	0665	T	1	W	0665	260	12	9	416	3			06
1124	11	1036	0666	T	1	G	0666	260	12	07	1	9938	0		0000
1124	12	1230	0667	T	1	G	0667	260	12	00	1	882			00
1124	1	1425	0668	T	1	G	0668	260	12	89	1	8989	000	6	9600
1124	2	1620	0669	T	1	G	0669	260	12	98			00		
1124	3	1814	0670	T	1	G	0670	260	12	17		9977	2		97
1124	4	2009	0671	T	1	G	0671	260	12	6	11	8899	22		7

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1124	5	2204	0672	T	1	G	0672	260	12			2772	222		
1124	6	2358	0673	T	1	G	0673	260	12		11				
1125	7	0153	0676	T	1	W	0674	260	12	800	1	77	80	67	7
1125	8	0348	0676	T	1	W	0675	260	12	8	11		040	7	9
1125	9	0542	0676	T	1	W	0676	260	12	1676	1				7
1125	10	0737	0677	T	1	W	0677	260	12	0	41	0		2	76
1125	11	0931	0678	T	1	G	0678	260	12	86	1	28	000	666	7
1125	12	1126	0679	T	1	G	0679	260	12	018		827	4		
1125	13	1321	0680	T	1	G	0680	260	12	7	1		0	6	6
1125	1	1515	0681	T	1	G	0681	260	12	2	1	27	0	46	
1125	2	1710	0682	T	1	G	0682	260	12	6607	1	2999	7		
1125	3	1905	0683	T	1	G	0683	260	12	8		6779			09
1125	4	2059	0685	T	1	G	0684	260	12	8	12	2978		5	
1125	5	2254	0685	T	1	G	0685	260	12			27	2022	5	
1126	6	0049	0686	T	1	G	0686	260	12	7	1	7776			
1126	7	0243	0689	T	1	W	0687	260	12	00	11	9989	0		
1126	8	0438	0689	T	1	W	0688	260	12		11	2999	000		
1126	9	0633	0689	T	1	W	0689	260	12		11	9			66
1126	10	0827	0690	T	1	W	0690	260	12		6116	92			6666
1126	11	1022	0691	T	1	G	0691	260	12	5766	1	9899			
1126	12	1217	0692	T	1	G	0692	260	12	6	11	8299			66
1126	13	1411	0693	T	1	G	0693	260	12			2772	0		
1126	1	1606	0694	T	1	G	0694	260	12		291	3			0
1126	2	1800	0695	T	1	G	0695	260	12	17		666			
1126	3	1955	0696	T	1	G	0696	260	12		1	6678			
1126	4	2150	0697	T	1	G	0697	260	12	6	1	2922	20	7879	
1126	5	2344	0698	T	1	G	0698	260	12	776	1	9979	22		
1127	6	0139	0701	T	1	W	0699	260	12	119	11	399		6	
1127	9	0723	0702	T	1	W	0702	260	12		11	3	5	6	0006
1127	10	0918	0703	T	1	W	0703	260	12		616	88			600
1127	11	1112	0704	T	1	G	0704	260	12	2		89	0		0000
1127	12	1307	0705	T	1	G	0705	260	12	79		92		2	6
1127	1	1502	0706	T	1	G	0706	260	12	9		21	30		00
1127	2	1656	0707	T	1	G	0707	260	12	9131	1	22		6	09
1127	3	1851	0708	T	1	G	0708	260	12	7					
1127	4	2046	0709	T	1	G	0709	260	12	7	1	76			
1127	5	2240	0710	T	1	G	0710	260	12	7	11	6677			
1128	6	0035	0711	T	1	G	0711	260	12			6			7
1128	7	0229	0714	T	1	W	0712	260	12	9		998	000	7	0
1128	8	0424	0714	T	1	W	0713	260	12	6	1	77	0		
1128	9	0619	0714	T	1	W	0714	260	12	6	11	778	5	8	7606
1128	10	0813	0715	T	1	W	0715	260	12	70	61	82		8	760
1128	11	1008	0716	T	1	G	0716	260	12	66	11	992			
1128	12	1203	0717	T	1	G	0717	260	12	73	1	2777	40	612	0006
1128	13	1357	0718	T	1	G	0718	260	12	99	1	2207	0	525	0000
1128	1	1552	0719	T	1	G	0719	260	12	99	1	2977	0	5757	9
1128	2	1747	0720	T	1	G	0720	260	12	93		79	0	77	7
1128	3	1942	0721	T	1	G	0721	260	12	3	1	92	55	6	6
1128	4	2136	0722	T	1	G	0722	260	12	713		7227	50	6	69
1128	5	2331	0723	T	1	G	0723	260	12		1		0		9
1129	6	0125	0724	T	1	G	0724	260	12	33	1	7	00	8	
1129	7	0320	0726	T	1	W	0725	260	12	9	1	117	0000		709
1129	8	0515	0726	T	1	W	0726	260	12	9333	1	9217	0	8	0600
1129	9	0709	0727	T	1	W	0727	260	12	33	1	67	555		7606
1129	10	0904	0728	T	1	W	0728	260	12	39	6116	17	0		0667
1129	11	1058	0729	T	1	G	0729	260	12	8	1	7227	5		7
1129	12	1253	0730	T	1	G	0730	260	12		1	7		88	60
1129	1	1448	0731	T	1	G	0731	260	12	9	1	81		8	0009
1129	2	1642	0732	T	1	G	0732	260	12	9	1				6
1129	3	1837	0733	T	1	G	0733	260	12	7	1	272	0		0
1129	4	2032	0734	T	1	G	0734	260	12	3	11	22	5		009
1129	5	2226	0735	T	1	G	0735	260	12	97		229			6
1130	6	0021	0736	T	1	G	0736	260	12	7	1	99	93		9
1130	7	0216	0739	T	1	W	0737	260	12	99		871	0		7
1130	8	0410	0739	T	1	W	0738	260	12	39	1	721		8	007
1130	9	0605	0739	T	1	W	0739	260	12	7	11	7717			0
1130	10	0800	0740	T	1	W	0740	260	12	9		7			7
1130	11	0954	0741	T	1	W	0741	260	12	7	1	777			0
1130	12	1149	0742	T	1	G	0742	260	12	4		7228	80	4	
1130	13	1344	0743	T	1	G	0743	260	12	37		777	0		000
1130	1	1538	0744	T	1	G	0744	260	12		1	271	0		9
1130	2	1733	0745	T	1	G	0745	260	12	3		1	0		9
1130	3	1928	0746	T	1	G	0746	260	12	33		22		2	06
1130	4	2122	0747	T	1	G	0747	260	12	33		7	00	2	936
1130	5	2317	0748	T	1	G	0748	260	12	91		92	0		
1201	6	0111	0749	T	1	G	0749	260	12	98	1	381			
1201	7	0306	0752	T	1	W	0750	260	12	803	14	9997	580	4	9
1201	8	0501	0752	T	1	W	0751	260	12			8			0
1201	9	0655	0752	T	1	W	0752	260	12			7	55		776
1201	10	0850	0753	T	1	W	0753	260	12		1	82	08	6	76
1201	11	1045	0754	T	1	G	0754	260	12		1	72	240		76

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1201	12	1239	0755	T	1	G	0755	260	12	6	1	1772	7		7
1201	1	1434	0756	T	1	G	0756	260	12		1	272	808	4	
1201	2	1629	0757	T	1	G	0757	260	12	77		6			
1201	3	1823	0758	T	1	G	0758	260	12	7		9		6	96
1201	4	2018	0759	T	1	G	0759	260	12		1	1			600
1201	5	2212	0760	T	1	G	0760	260	12						
1202	6	0007	0761	T	1	G	0761	260	12	3		2	0	5	9
1202	7	0202	0764	T	1	W	0762	260	12	13		77	0		
1202	8	0356	0764	T	1	W	0763	260	12	3	1	39	0	84	00
1202	9	0551	0764	T	1	W	0764	260	12	9		3	055	84	0007
1202	10	0746	0765	T	1	W	0765	260	12	73	1	28			00
1202	11	0940	0766	T	1	G	0766	260	12	7	1	821	4		670
1202	12	1135	0767	T	1	G	0767	260	12		1	2	0	4	9
1202	13	1330	0768	T	1	G	0768	260	12	1		202	8		
1202	1	1424	0769	T	1	G	0769	260	12	9	1	9722	8	4	9
1202	2	1719	0770	T	1	G	0770	260	12	1		9292		77	
1202	3	1914	0771	T	1	G	0771	260	12		1	2		42	660
1202	4	2108	0772	T	1	G	0772	260	12	133	1	2	05		900
1202	5	2303	0773	T	1	G	0773	260	12	91	1	9789	000	8	6
1203	6	0058	0774	T	1	G	0774	260	12	2911	1	9311	0		9
1203	7	0252	0777	T	1	W	0775	260	12		6	93	0		
1203	8	0447	0777	T	1	W	0776	260	12		1	9833			
1203	9	0642	0777	T	1	W	0777	260	12				5		00
1203	10	0836	0778	T	1	W	0778	260	12	60		872	070		907
1203	11	1031	0779	T	1	W	0779	260	12			8	0		000
1203	12	1226	0780	T	1	G	0780	260	12	3		1		8	00
1203	1	1420	0781	T	1	G	0781	260	12	9	1	22	000	2	0
1203	2	1615	0782	T	1	G	0782	260	12	3		22	0	8	0
1203	3	1809	0783	T	1	G	0783	260	12			29	00	8	
1203	4	2004	0784	T	1	G	0784	260	12			11			
1203	5	2159	0785	T	1	G	0785	260	12						
1203	6	2353	0786	T	1	G	0786	260	12						
1204	7	0148	0789	T	1	W	0787	260	12		1	93			
1204	8	0343	0789	T	1	W	0788	260	12		1	983			
1204	9	0537	0789	T	1	W	0789	260	12		11	937			0
1204	10	0732	0790	T	1	W	0790	260	12		1	3			00
1204	11	0927	0791	T	1	G	0791	260	12		1	3			0
1204	12	1121	0792	T	1	G	0792	260	12		1	3			000
1204	13	1316	0793	T	1	G	0793	260	12		1	3			0
1204	1	1511	0794	T	1	G	0794	260	12						
1204	2	1705	0795	T	1	G	0795	260	12						
1204	3	1900	0796	T	1	G	0796	260	12	32	1	87	0	8	00
1204	4	2054	0797	T	1	G	0797	260	12	96	1	77			00
1204	5	2249	0798	T	1	G	0798	260	12	3	11	379	00		9
1205	6	0044	0799	T	1	G	0799	260	12	1683	1	7773	000	8	
1205	7	0238	0802	T	1	W	0800	260	12		1	9889	25		
1205	8	0433	0802	T	1	W	0801	260	12		1	9983		8	7
1205	9	0628	0802	T	1	W	0802	260	12	6		99	77		067
1205	10	0822	0803	T	1	W	0803	260	12	51	1	83		6	66
1205	11	1017	0804	T	1	G	0804	260	12	7	47	7221	48	47	77
1205	12	1112	0805	T	1	G	0805	260	12	319	1	7127		8	000
1205	13	1406	0806	T	1	G	0806	260	12	3	1	22	054	22	00
1205	1	1601	0807	T	1	G	0807	260	12	6		77	0		90
1205	2	1756	0808	T	1	G	0808	260	12	2			00		000
1205	3	1950	0809	T	1	G	0809	260	12	0			00	82	0000
1205	4	2145	0810	T	1	G	0810	260	12						
1205	5	2340	0811	T	1	G	0811	260	12						
1206	6	0134	0812	T	1	G	0812	260	12	1019	11	9999		66	
1206	7	0329	0814	T	1	W	0813	260	12	6	11	8919	0		09
1206	8	0523	0814	T	1	W	0814	260	12	1		989	0		09
1206	9	0718	0815	T	1	W	0815	260	12		1	3	0		60
1206	10	0913	0816	T	1	W	0816	260	12	191	4	3			0
1206	11	1107	0817	T	1	G	0817	260	12	9		772			706
1206	12	1302	0818	T	1	G	0818	260	12	339	1	22	4		0600
1206	1	1457	0819	T	1	G	0819	260	12	3		7222	00		9000
1206	2	1651	0820	T	1	G	0820	260	12	8	1	797	0		0
1206	3	1846	0821	T	1	G	0821	260	12		1	777		7	0
1206	4	2041	0822	T	1	G	0822	260	12	1	1	77		2	070
1206	5	2235	0823	T	1	G	0823	260	12		1	276	00		
1207	6	0030	0824	T	1	G	0824	260	12	90	1	73	00		
1207	7	0225	0827	T	1	W	0825	260	12	7	61	72	8		
1207	8	0419	0827	T	1	W	0826	260	12	7	1				9
1207	9	0614	0827	T	1	W	0827	260	12		1	7	0		9
1207	10	0809	0828	T	1	W	0828	260	12			2			7
1207	11	1003	0829	T	1	G	0829	260	12		6	922			06
1207	12	1158	0830	T	1	G	0830	260	12	81		722		94	
1207	13	1353	0831	T	1	G	0831	260	12			8212	0	2	00
1207	1	1547	0832	T	1	G	0832	260	12	6	1	7029	800	7	
1207	2	1742	0833	T	1	G	0833	260	12	136		7	00	7	00
1207	3	1936	0834	T	1	G	0834	260	12	2	1	7	0	7	0
1207	4	2131	0835	T	1	G	0835	260	12	07	1	90		2	900

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1207	5	2326	0836	T	1	G	0836	260	12	8	1	9979	00	8	
1208	6	0120	0837	T	1	G	0837	260	12	007		8993	200	7	9
1208	7	0315	0839	T	1	W	0838	260	12	3933		66	00		7
1208	8	0510	0839	T	1	W	0839	260	12		1	97	4	8	7000
1208	9	0704	0840	T	1	W	0840	260	12	93	1	7	0		6076
1208	10	0859	0841	T	1	W	0841	260	12	93	1	2872	00	1	0776
1208	11	1054	0842	T	1	G	0842	260	12	931		72	0		060
1208	12	1248	0843	T	1	G	0843	260	12	79		627			9000
1208	1	1443	0844	T	1	G	0844	260	12	7		27	0		00
1208	2	1638	0845	T	1	G	0845	260	12	11		1	00		
1208	3	1832	0846	T	1	G	0846	260	12			7		82	090
1208	4	2027	0847	T	1	G	0847	260	12	66	1		0	22	06
1208	5	2222	0848	T	1	G	0848	260	12	7	1	2	0	8	
1209	6	0016	0849	T	1	G	0849	260	12		1				
1209	7	0211	0852	T	1	W	0850	260	12	9	1	29	0		9
1209	8	0405	0852	T	1	W	0851	260	12		1	27		8	6
1209	9	0600	0852	T	1	W	0852	260	12			7			0
1209	10	0755	0853	T	1	W	0853	260	12	9	6	22			0766
1209	11	0949	0854	T	1	W	0854	260	12	93	1	27		8	070
1209	12	1144	0855	T	1	G	0855	260	12	7		2692			00
1209	13	1339	0856	T	1	G	0856	260	12	33		22		2	0700
1209	1	1533	0857	T	1	G	0857	260	12	7	1	792	0		90
1209	2	1728	0858	T	1	G	0858	260	12	90	1			6	00
1209	3	1923	0859	T	1	G	0859	260	12	0	1	899		4	086
1209	4	2117	0860	T	1	G	0860	260	12	17	1	298			66
1209	5	2342	0861	T	1	G	0861	260	12	7	1	9667			
1210	6	0107	0862	T	2	G	0862	260	12		1	7			
1210	7	0301	0864	T	2	W	0863	260	12	939	1	299		66	6
1210	8	0436	0864	T	2	W	0864	260	12						
1210	9	0651	0865	T	2	W	0865	260	12	9		9	5		
1210	10	0845	0867	T	2	G	0866	260	12	39	1	972			6
1210	11	1040	0867	T	2	G	0867	260	12	1	4141	2322	0		60
1210	12	1234	0868	T	2	G	0868	260	12			32			06
1210	1	1429	0869	T	2	G	0869	260	12		1	922	00		0
1210	2	1624	0870	T	2	G	0870	260	12	90		13	0	8	
1210	3	1818	0871	T	2	G	0871	260	12		1	72			0
1210	4	2043	0872	T	2	G	0872	260	12		1	32		6	090
1210	5	2208	0873	T	2	G	0873	260	12	79	1	739		6	0
1210	6	0002	0874	T	2	G	0874	260	12	7	1	72			
1211	7	0157	0877	T	2	W	0875	260	12		1	99			
1211	8	0352	0877	T	2	W	0876	260	12	9	1	297			9
1211	9	0546	0877	T	2	W	0877	260	12	9		92			9
1211	10	0741	0878	T	2	W	0878	260	12		616	221			6
1211	11	0936	0879	T	2	G	0879	260	12			7		97	06
1211	12	1130	0880	T	2	G	0880	260	12	393		72			90
1211	13	1325	0881	T	2	G	0881	260	12	73		227		2	0
1211	1	1519	0882	T	2	G	0882	260	12	99	1	232	00		00
1211	2	1714	0883	T	2	G	0883	260	12	71	1	391	0	8	
1211	3	1909	0884	T	2	G	0884	260	12	6	1	39	4		0000
1211	4	2103	0885	T	2	G	0885	260	12	9	1	9309			60
1211	5	2258	0886	T	2	G	0886	260	12	71	1	32			
1212	6	0053	0887	T	2	G	0887	260	12	66	1	6929	24		77
1212	7	0247	0890	T	2	W	0888	260	12	379	11	2929	0	8	7
1212	8	0442	0890	T	2	W	0889	260	12	33	1	2992			0700
1212	9	0637	0890	T	2	W	0890	260	12			762	055		0606
1212	10	0831	0891	T	2	W	0891	260	12	93	1	922	0		066
1212	11	1026	0892	T	2	G	0892	260	12	17	4	722	000	7	6
1212	12	1221	0893	T	2	G	0890	260	12	7	1	8426	0	6	
1212	1	1415	0894	T	2	G	0894	260	12	5	1	66	0		00
1212	2	1610	0895	T	2	G	0895	260	12	2		79	00	6	0
1212	3	1805	0896	T	2	G	0896	260	12	17		9339			000
1212	4	1959	0897	T	2	G	0897	260	12	9	1	39	00	6	0900
1212	5	2154	0898	T	2	G	0898	260	12	81	1	9392	0	1	70
1212	6	2348	0899	T	2	G	0899	260	12	9	1	9390	000		3
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1213	8	0338	0902	T	2	W	0901	260	12	6	1	2227	80		
1213	9	0532	0902	T	2	W	0902	260	12		1	707	8	87	
1213	10	0727	0903	T	2	W	0903	260	12		1		8558	8	66
1213	11	0922	0904	T	2	W	0904	260	12	6	3	822	05	4	1
1213	12	1116	0905	T	2	W	0905	260	12		6	29	0	4897	
1213	13	1311	0906	T	2	G	0906	260	12	7		922	5	66	0
1213	1	1506	0907	T	2	G	0907	260	12	77	7	9998	00		0
1213	2	1700	0908	T	2	G	0908	260	12	007	1	29	00	6	
1213	3	1855	0909	T	2	G	0909	260	12	92	1	932			900
1213	4	2050	0910	T	2	G	0910	260	12	9	1	923	55	6	6
1213	5	2244	0911	T	2	G	0911	260	12	71	11	7927			
1214	6	0039	0912	T	2	G	0912	260	12	71	1	777			
1214	7	0234	0915	T	2	W	0913	260	12	7	1	7	0		
1214	8	0428	0915	T	2	W	0914	260	12	1	1	72	0		2
1214	9	0623	0915	T	2	W	0915	260	12		1	2			7600
1214	10	0817	0916	T	2	W	0916	260	12		41	96		8	6067

DATE	TRACK	TIME	FILM LEGEND					P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
											EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C		S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1214	11	1012	0917	T	2	G		0917	260	12	93		22			900
1214	12	1207	0918	T	2	G		0918	260	12	9		7222	0	889	9
1214	13	1401	0919	T	2	G		0919	260	12			72	0	66	00
1214	1	1556	0920	T	2	G		0920	260	12	3878	1	7777	0	8	0
1214	2	1751	0921	T	2	G		0921	260	12		11	89	00	66	
1214	3	1945	0922	T	2	G		0922	260	12	7	111	29		22	6
1214	4	2140	0923	T	2	G		0923	260	12	60	1	9229			
1214	5	2335	0924	T	2	G		0924	260	12	07	1	9822			
1215	6	0129	0925	T	2	G		0925	260	12	71	1	72			
1215	7	0324	0927	T	2	W		0926	260	12	7	41	22	80	6	
1215	8	0519	0927	T	2	W		0927	260	12			22	0		706
1215	9	0713	0928	T	2	W		0928	260	12		73	72			0007
1215	10	0908	0929	T	2	W		0929	260	12	86	1	2	0		76
1215	11	1103	0930	T	2	G		0930	260	12	8		92	0	9	
1215	12	1257	0931	T	2	G		0931	260	12			29		87	00
1215	1	1452	0932	T	2	G		0932	260	12			77	000	8	00
1215	2	1646	0933	T	2	G		0933	260	12	0160		79	00	88	070
1215	3	1841	0934	T	2	G		0934	260	12	33		87		06	006
1215	4	2036	0935	T	2	G		0935	260	12	39	1	7131	500	1	0
1215	5	2230	0936	T	2	G		0936	260	12		1	9282	0		
1216	6	0025	0937	T	2	G		0937	260	12	999	1	92		6	
1216	7	0220	0940	T	2	W		0938	260	12		1	99	000		
1216	8	0414	0940	T	2	W		0939	260	12	0	61	72	4	4	007
1216	9	0609	0940	T	2	W		0940	260	12	8	1	9	1	68	676
1216	10	0804	0941	T	2	W		0941	260	12	8	6	22	10		60
1216	11	0958	0942	T	2	G		0942	260	12				0	1	7
1216	12	1153	0943	T	2	G		0943	260	12	39		7	04		006
1216	13	1348	0944	T	2	G		0944	260	12	8	1	9672	0	25	00
1216	1	1542	0945	T	2	G		0945	260	12			2977	02	6	787
1216	2	1737	0946	T	2	G		0946	260	12	1		8919	07		
1216	3	1931	0947	T	2	G		0947	260	12			7	5		
1216	4	2126	0948	T	2	G		0948	260	12		1	7			
1216	5	2321	0949	T	2	G		0949	260	12						
1217	6	0115	0950	T	2	G		0950	260	12	771		76			
1217	7	0310	0952	T	2	W		0951	260	12		1	299	00		
1217	8	0505	0952	T	2	W		0952	260	12	7	16	2829			
1217	9	0659	0953	T	2	W		0953	260	12	7	31	22	0		6
1217	10	0854	0954	T	2	W		0954	260	12		13	29	4		
1217	11	1049	0955	T	2	G		0955	260	12	676	1	97	44		
1217	12	1243	0956	T	2	G		0956	260	12	6	1	229			6
1217	1	1438	0957	T	2	G		0957	260	12	60	1	729	0		
1217	2	1633	0958	T	2	G		0958	260	12	760	1	7849			
1217	3	1827	0959	T	2	G		0959	260	12						
1217	4	2022	0960	T	2	G		0960	260	12	7	1	7			
1217	5	2217	0961	T	2	G		0961	260	12	671	1	97			97
1218	6	0011	0962	T	2	G		0962	260	12	06	1	091	2		97
1218	7	0206	0965	T	2	W		0963	260	12	00	1	99			
1218	8	0400	0965	T	2	W		0964	260	12		6	9927			9
1218	9	0555	0965	T	2	W		0965	260	12		31	229		63	9
1218	10	0750	0966	T	2	W		0966	260	12		1	2	3		7
1218	11	0944	0967	T	2	G		0967	260	12		1	92			7
1218	12	1139	0968	T	2	G		0968	260	12	7		922			
1218	13	1334	0969	T	2	G		0969	260	12	0		39		32	06
1218	1	1528	0970	T	2	G		0970	260	12	9	1	899			0
1218	2	1723	0971	T	2	G		0971	260	12	8		9	407	7	877
1218	3	1918	0973	T	2	G		0972	260	12			982	22	417	7069
1218	4	2112	0973	T	2	G		0973	260	12	18	1	2423	2	1	76
1218	5	2307	0974	T	2	G		0974	260	12	773		7890	02	6	
1219	6	0102	0975	T	2	G		0975	260	12	19		72		6	
1219	7	0256	0977	T	2	W		0976	260	12	1	01	17			9
1219	8	0451	0977	T	2	W		0977	260	12		1	2191		8	0
1219	9	0646	0978	T	2	W		0978	260	12	9	1	22			0
1219	10	0840	0979	T	2	W		0979	260	12	9	414	91	00		60
1219	11	1035	0980	T	2	G		0980	260	12	6386	1	9939	5		000
1219	12	1230	0981	T	2	G		0981	260	12			979		1	000
1219	1	1424	0982	T	2	G		0982	260	12	90	1	9239	0	36	0
1219	2	1616	0983	T	2	G		0983	260	12	6	1	9329	40	6	600
1219	3	1813	0984	T	2	G		0984	260	12	333		2913			090
1219	4	2008	0985	T	2	G		0985	260	12	3	1	0			0706
1219	5	2203	0986	T	2	G		0986	260	12	73	1	727	44	22	60
1219	6	2357	0987	T	2	G		0987	260	12		1	7	004		9
1220	7	0153	0990	T	2	W		0988	260	12	3	1	23	000		
1220	8	0347	0990	T	2	W		0989	260	12	9		939			0
1220	9	0541	0990	T	2	W		0990	260	12	2	1	38			000
1220	10	0736	0991	T	2	W		0991	260	12		1	93	0		66
1220	11	0931	0992	T	2	G		0992	260	12	7	1	932			6
1220	12	1125	0993	T	2	G		0993	260	12			722	55		
1220	13	1320	0994	T	2	G		0994	260	12	696		7293	0		00
1220	1	1515	0995	T	2	G		0995	260	12	71	1	9933	0		70
1220	2	1709	0996	T	2	G		0996	260	12		1	9898	0		7
1220	3	1904	0997	T	2	G		0997	260	12	66		9799	745	76	7066

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1220	4	2058	0998	T	2	G	0998	260	12		1	600	25		
1220	5	2253	0999	T	2	G	0999	260	12	86		2991	20	2	7
1221	6	0048	1000	T	2	G	1000	260	12	6	1	99	2	7	
1221	7	0242	1003	T	2	W	1001	260	12	9	1	4813	0	6	
1221	8	0437	1003	T	2	W	1002	260	12	9	1	139		6	0900
1221	9	0632	1003	T	2	W	1003	260	12	6	1	43			0
1221	10	0826	1004	T	2	W	1004	260	12		16	7	0		0060
1221	11	1021	1005	T	2	G	1005	260	12	6	1	33	5		000
1221	12	1216	1006	T	2	G	1006	260	12		1	93	5		000
1221	1	1410	1007	T	2	G	1007	260	12		1	38	0		0000
1221	2	1605	1008	T	2	G	1008	260	12	1	1	8132	44		70
1221	3	1800	1009	T	2	G	1009	260	12	686		8839	0		
1221	4	1954	1010	T	2	G	1010	260	12	6	1	09	0		006
1221	5	2149	1011	T	2	G	1011	260	12	06	1	822	0	37	6
1221	6	2344	1012	T	2	G	1012	260	12			7992	222		7
1222	7	0138	1013	T	2	G	1013	260	12	673	1	2772	0		
1222	8	0333	1015	T	2	W	1014	260	12	7	1	992	00	6	
1222	9	0528	1015	T	2	W	1015	260	12		1	99		6	6
1222	10	0722	1016	T	2	W	1016	260	12	7	1	99		6	
1222	11	0917	1017	T	2	G	1017	260	12		17	8	0	6	6
1222	12	1111	1018	T	2	G	1018	260	12	9		922	0		
1222	13	1306	1019	T	2	G	1019	260	12	9		922			00
1222	1	1501	1020	T	2	G	1020	260	12	3					9
1222	2	1655	1021	T	2	G	1021	260	12	3		72	00		
1222	3	1850	1022	T	2	G	1022	260	12			9	0		06
1222	4	2045	1023	T	2	G	1023	260	12			2927			06
1222	5	2239	1024	T	2	G	1024	260	12	99		29			9
1223	6	0034	1025	T	2	G	1025	260	12	31		2272			
1223	7	0229	1028	T	2	W	1026	260	12	79	1	1133	0		0
1223	8	0423	1028	T	2	W	1027	260	12	23	1	737			00
1223	9	0618	1028	T	2	W	1028	260	12			3			600
1223	10	0813	1029	T	2	W	1029	260	12	9	16	3179			06
1223	11	1007	1030	T	2	G	1030	260	12	99		3379			006
1223	12	1202	1031	T	2	G	1031	260	12	9		239	0		00
1223	13	1359	1032	T	2	G	1032	260	12						00
1223	1	1551	1033	T	2	G	1033	260	12	9		77	00		9
1223	2	1746	1034	T	2	G	1034	260	12	9		2722	0		
1223	3	1940	1035	T	2	G	1035	260	12		1	22			06
1223	4	2135	1036	T	2	G	1036	260	12	3		827			0
1223	5	2330	1037	T	2	G	1037	260	12	172		229	0		96
1224	6	0124	1038	T	2	G	1038	260	12	33		6276			7
1224	7	0319	1040	T	2	W	1039	260	12						
1224	8	0514	1040	T	2	W	1040	260	12		4	7			
1224	9	0708	1041	T	2	W	1041	260	12			37	44		
1224	10	0913	1042	T	2	W	1042	260	12	1	6	6			
1224	11	1058	1043	T	2	G	1043	260	12	6		77			
1224	12	1252	1044	T	2	G	1044	260	12	7		92			
1224	1	1447	1045	T	2	G	1045	260	12	67		27	7		
1224	2	1642	1046	T	2	G	1046	260	12		1	719	0	7	
1224	3	1836	1047	T	2	G	1047	260	12			9			09
1224	4	2031	1048	T	2	G	1048	260	12	7	1	722			060
1224	5	2226	1049	T	2	G	1049	260	12	7	1	9227			
1224	6	0020	1050	T	2	G	1050	260	12	19	1	777		888	7
1225	7	0215	1053	T	2	W	1051	260	12	3171	1	7767	0		7
1225	8	0409	1053	T	2	W	1052	260	12		71		0		0
1225	9	0604	1053	T	2	W	1053	260	12	7	6	7			
1225	10	0759	1054	T	2	W	1054	260	12			6			
1225	11	0953	1056	T	2	G	1055	260	12	7	6	63			
1225	12	1148	1056	T	2	G	1056	260	12	7		6			
1225	13	1343	1057	T	2	G	1057	260	12	7					0
1225	1	1537	1058	T	2	G	1058	260	12	3	1	1			9
1225	2	1732	1059	T	2	G	1059	260	12	39		97	9	6	6
1225	3	1927	1060	T	2	G	1060	260	12		1	2292	50		6
1225	4	2121	1061	T	2	G	1061	260	12	70	1	22			
1225	5	2316	1062	T	2	G	1062	260	12	2	1	79			
1226	6	0111	1063	T	2	G	1063	260	12	71	1	788			9
1226	7	0305	1065	T	2	W	1064	260	12			69			9
1226	8	0500	1065	T	2	W	1065	260	12	9	6	0			7
1226	9	0655	1066	T	2	W	1066	260	12	79		89	2		
1226	10	0849	1067	T	2	W	1067	260	12		6	367			67
1226	11	1044	1068	T	2	W	1068	260	12			39	2		7
1226	12	1238	1069	T	2	W	1069	260	12	69		817	22		69
1226	1	1433	1070	T	2	W	1070	260	12	0		8107	2	6	
1226	2	1638	1071	T	2	W	1071	260	12			9989	00	7	7
1226	3	1822	1072	T	2	W	1072	260	12	9		22			090
1226	4	2017	1073	T	2	W	1073	260	12	31	1	222	5	6	606
1226	5	2212	1074	T	2	W	1074	260	12	9	1	9103	4		09
1226	6	0006	1075	T	2	G	1075	260	12	272	1	293			
1227	7	0201	1078	T	2	W	1076	260	12	1399	1	777	000		
1227	8	0356	1078	T	2	W	1077	260	12	99	1	77			0
1227	9	0550	1078	T	2	W	1078	260	12	13	1	77			770

DATE	TRACK	TIME	FILM LEGEND				P/T	FRAME		METEOROLOGICAL AND OTHER FEATURES					
										EXTROP. CIRC.	TROP. DISTURB.	BANDS	CLOUD FEATURES		MISCEL-LANEOUS
			PASS	M	C	S	PASS	TI	US	TABLE (1)	TABLE (2)	TABLE (3)	TABLE (4)	TABLE (5)	TABLE (6)
1227	10	0745	1079	T	2	W	1079	260	12	9	16	7	4		707
1227	11	0940	1080	T	2	G	1080	260	12	3	116		0		0
1227	12	1134	1081	T	2	G	1081	260	12	933	1			2	0000
1227	13	1329	1082	T	2	G	1082	260	12						0
1227	1	1524	1083	T	2	G	1083	260	12	733		727	000		0
1227	2	1718	1084	T	2	G	1084	260	12			9		7	6
1227	3	1913	1085	T	2	G	1085	260	12				050	22	0096
1227	4	2107	1086	T	2	G	1086	260	12		1	2	55		06
1227	5	2302	1087	T	2	G	1087	260	12	07	1	79	00		9
1228	6	0057	1088	T	2	G	1088	260	12	7	1	29	00	6	
1228	7	0251	1089	T	2	W	1089	260	12	8319	1	2899		6	09
1228	8	0446	1090	T	2	W	1090	260	12		1	999		6	0
1228	9	0641	1091	T	2	W	1091	260	12	19	1			66	600
1228	10	0835	1092	T	2	W	1092	260	12	3	116	73	0		06
1228	11	1030	1093	T	2	G	1093	260	12	33	16	77	0		0076
1228	12	1225	1094	T	2	G	1094	260	12	39	16				00
1228	1	1419	1095	T	2	G	1095	260	12	73	11	722	000		000
1228	2	1614	1096	T	2	G	1096	260	12	81	1	17	0000		07
1228	3	1809	1097	T	2	G	1097	260	12	36		2	000	8	00
1228	4	2003	1098	T	2	G	1098	260	12	63	1	87			0700
1228	5	2158	1099	T	2	G	1099	260	12	6		7	0	8	0
1228	6	2352	1100	T	2	G	1100	260	12	71	1	297	00		
1229	7	0149	1103	T	2	W	1101	260	12	996	11	776	0		
1229	8	0342	1103	T	2	W	1102	260	12		1	776	6		
1229	9	0536	1103	T	2	W	1103	260	12	7	81	777			070
1229	10	0731	1104	T	2	W	1104	260	12	3	16	0			670
1229	11	0926	1105	T	2	G	1105	260	12	31	16	6			076
1229	12	1120	1106	T	2	G	1106	260	12	331	74	727	0		76
1229	13	1315	1107	T	2	G	1107	260	12	313	1	2227	6	82	00
1229	1	1510	1108	T	2	G	1108	260	12	99	1	7277	0000		700
1229	2	1704	1109	T	2	G	1109	260	12	3	11	27	0		0
1229	3	1859	1110	T	2	G	1110	260	12	68	1	7122	0	6	976
1229	4	2054	1111	T	2	G	1111	260	12	21	1	27	00	4	6
1229	5	2248	1112	T	2	G	1112	260	12	60		7092	2	6	
1230	6	0015	1113	T	2	G	1113	260	12	07	1	292	00		
1230	7	0210	1116	T	2	W	1114	260	12	0	41	9229	8000	67	
1230	8	0404	1116	T	2	W	1115	260	12	7	4				09
1230	9	0559	1116	T	2	W	1116	260	12						
1230	10	0754	1117	T	2	W	1117	260	12						
1230	11	0948	1118	T	2	G	1118	260	12	21	6	9	0		6009
1230	12	1143	1119	T	2	G	1119	260	12	1	6	9292			600
1230	13	1338	1120	T	2	G	1120	260	12	9		2272	0	233	00
1230	1	1532	1121	T	2	G	1121	260	12	9	1	9	0		
1230	2	1726	1122	T	2	G	1122	260	12	8	11	8272	8080	864	76
1230	3	1921	1123	T	2	G	1123	260	12			2		6	7760
1230	4	2116	1124	T	2	G	1124	260	12	76	1	96	000		906
1230	5	2310	1125	T	2	G	1125	260	12	0	4	992	0880		
1231	6	0135	1126	T	2	G	1126	260	12	8	1	2217	800	47	
1231	7	0328	1128	T	2	W	1127	260	12		1	22	0		
1231	8	0523	1128	T	2	W	1128	260	12		1				096
1231	9	0718	1129	T	2	W	1129	260	12	7	1	7			069
1231	10	0940	1130	T	2	G	1130	260	12	39	1				0
1231	11	1107	1131	T	2	G	1131	260	12	9	46	29			0669
1231	12	1302	1132	T	2	G	1132	260	12			9922			00
1231	1	1456	1133	T	2	G	1133	260	12	19	4	2982	0		00
1231	2	1651	1134	T	2	G	1134	260	12	8		8787	000		0
1231	3	1846	1135	T	2	G	1135	260	12			929		2	069
1231	4	2040	1136	T	2	G	1136	260	12	0	1	27	0880	219	79
1231	5	2235	1137	T	2	G	1137	260	12			7	800	447	

TABLE 1

TRACK TABLE FOR ESSA 3

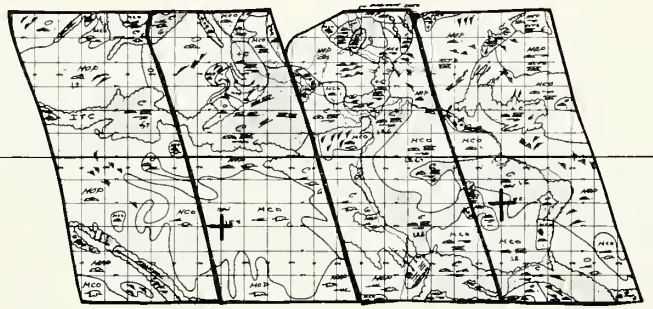
Range of Ascending Nodes	Track No.
0W - 28.7W	1
28.7W - 57.4W	2
57.4W - 86.1W	3
86.1W - 114.8W	4
114.8W - 143.5W	5
143.5W - 172.2W	6
172.2W - 159.1E	7
159.1E - 130.4E	8
130.4E - 101.7E	9
101.7E - 73.0E	10
73.0E - 44.3E	11
44.3E - 15.6E	12
15.6E - 0	13

Difference between Tracks - 28.7°

ASIA

AMERICA

EUROPE

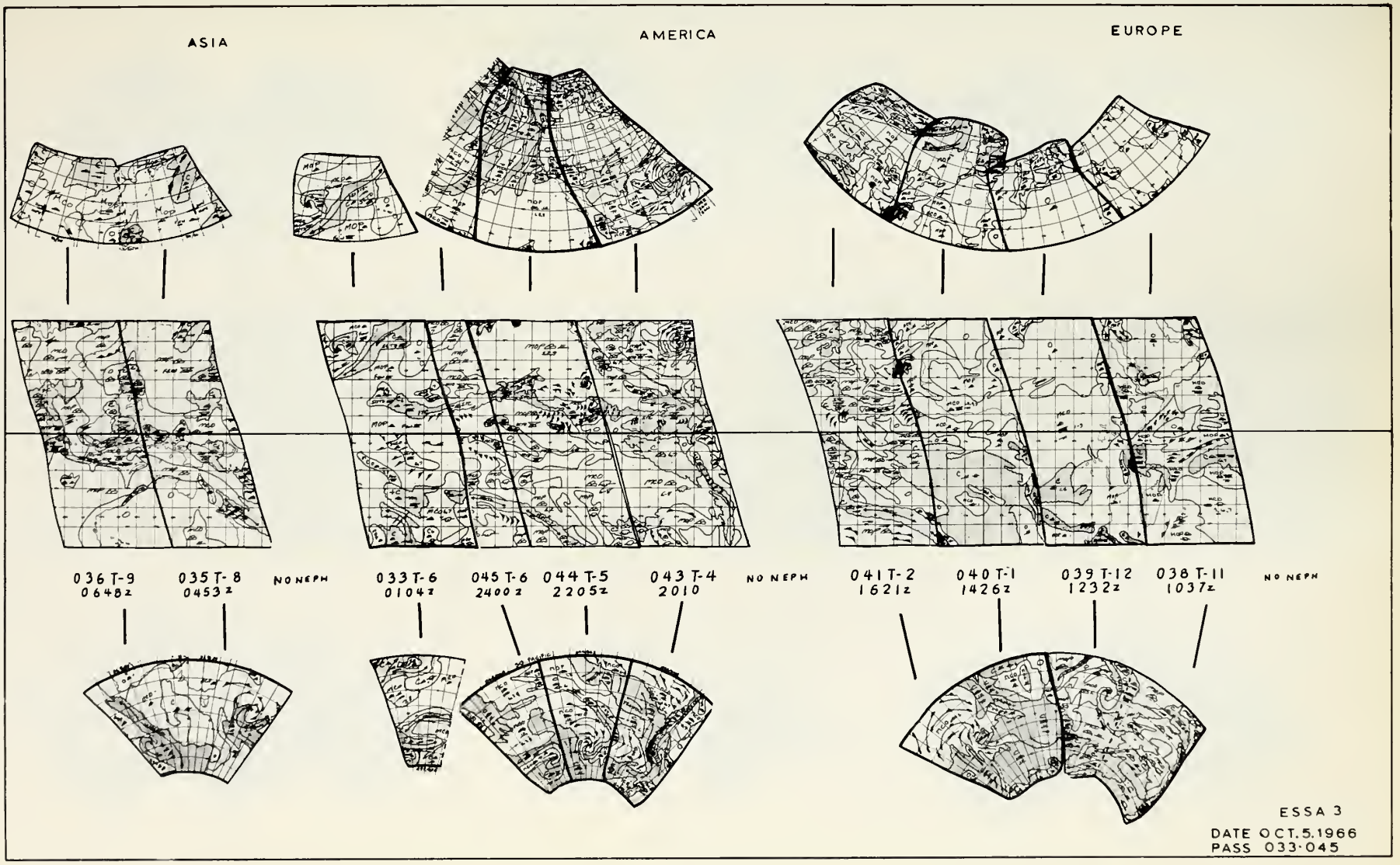


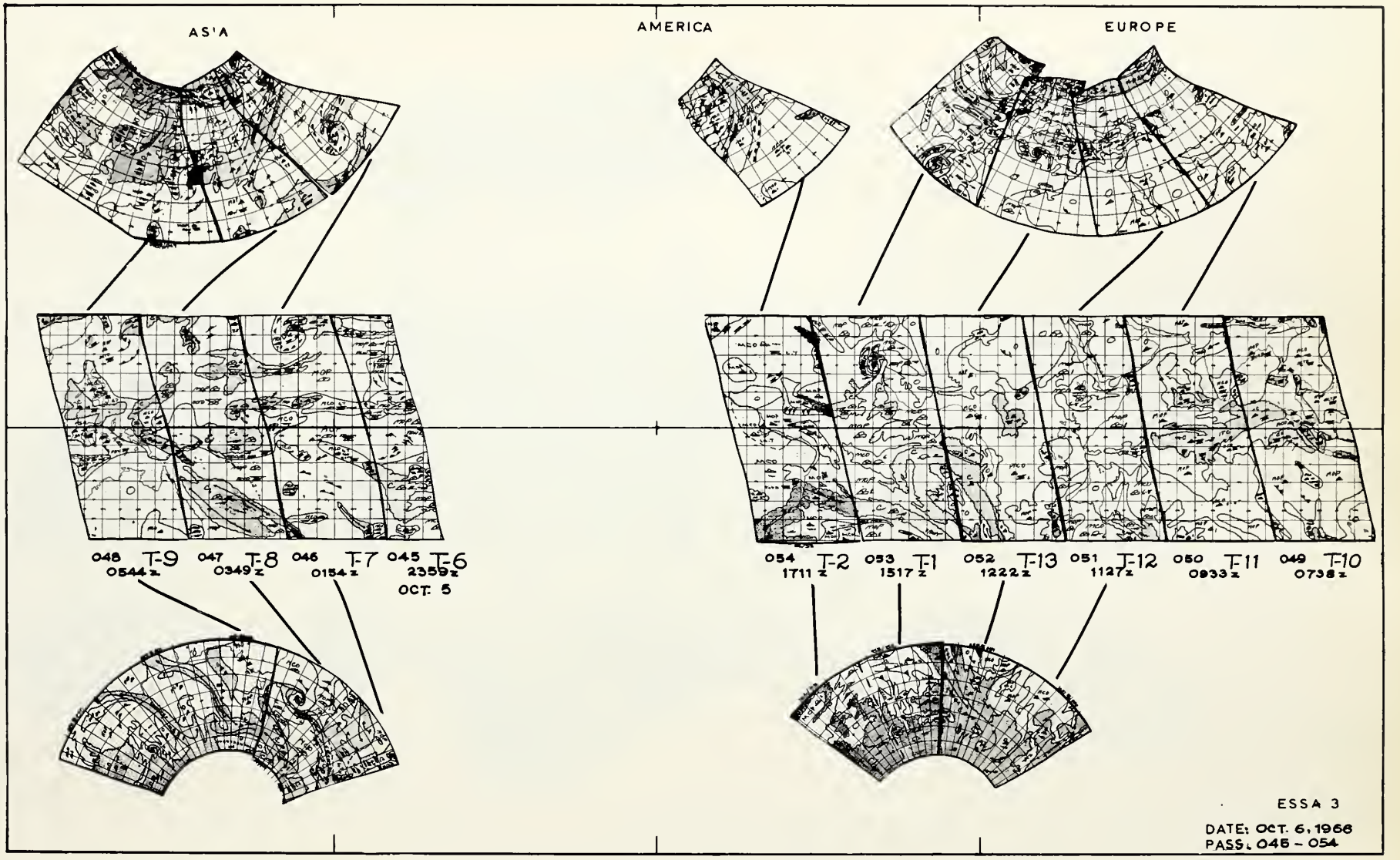
032 2309 Z T-5 031 2114 Z T-4 030 1920 Z T-3 029 1729 Z T-2

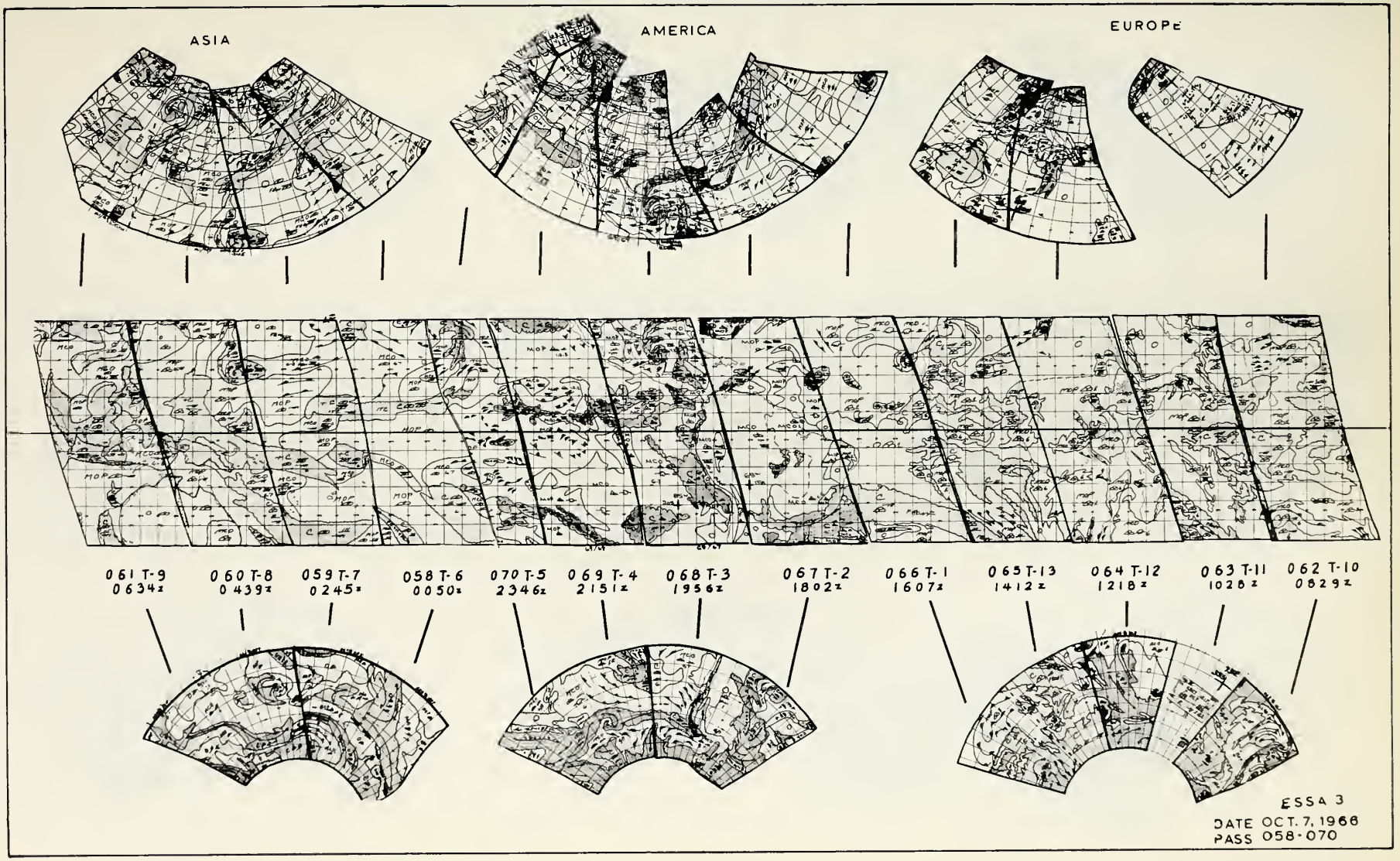
ESSA 3

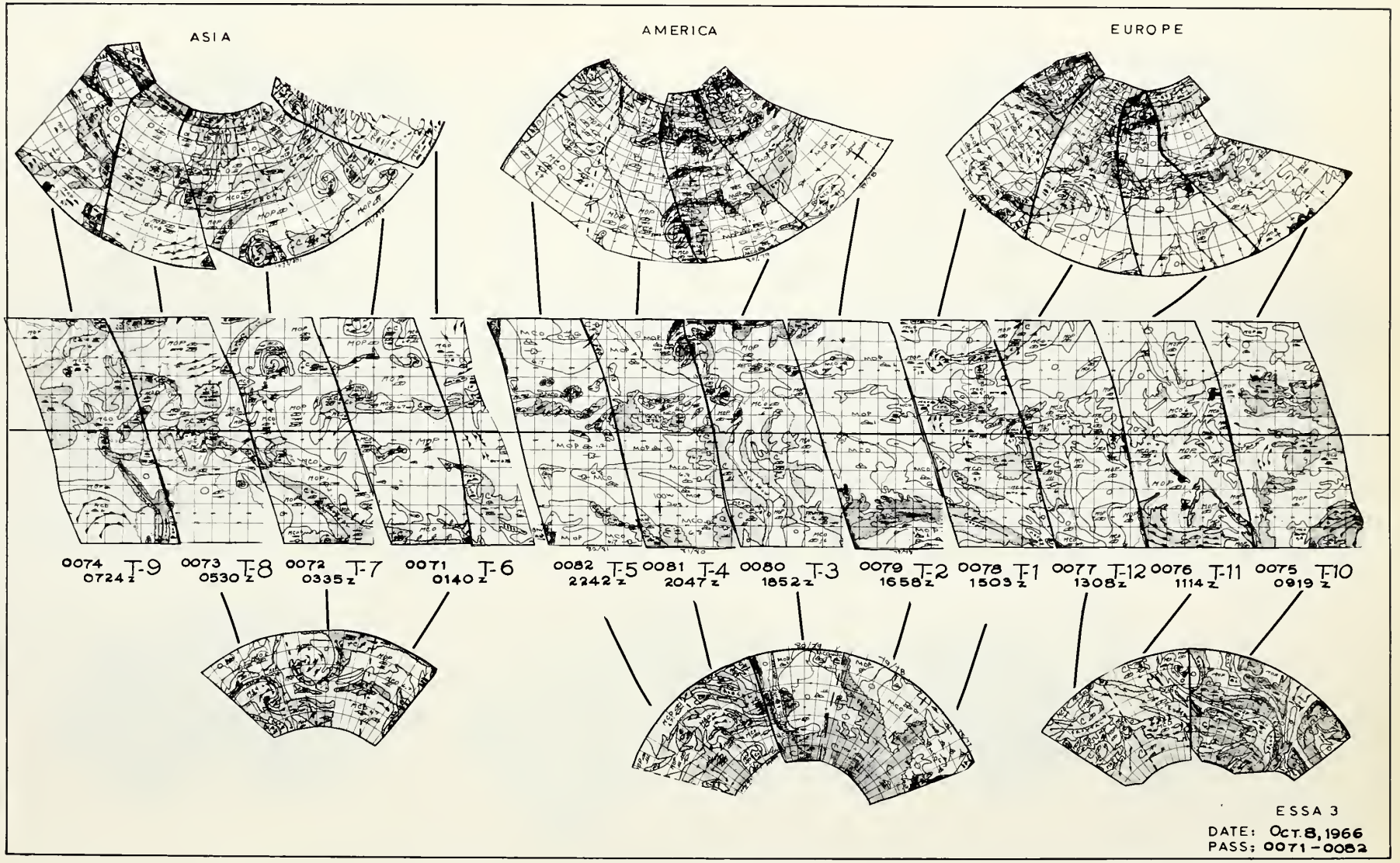
DATE: Oct. 4, 1966

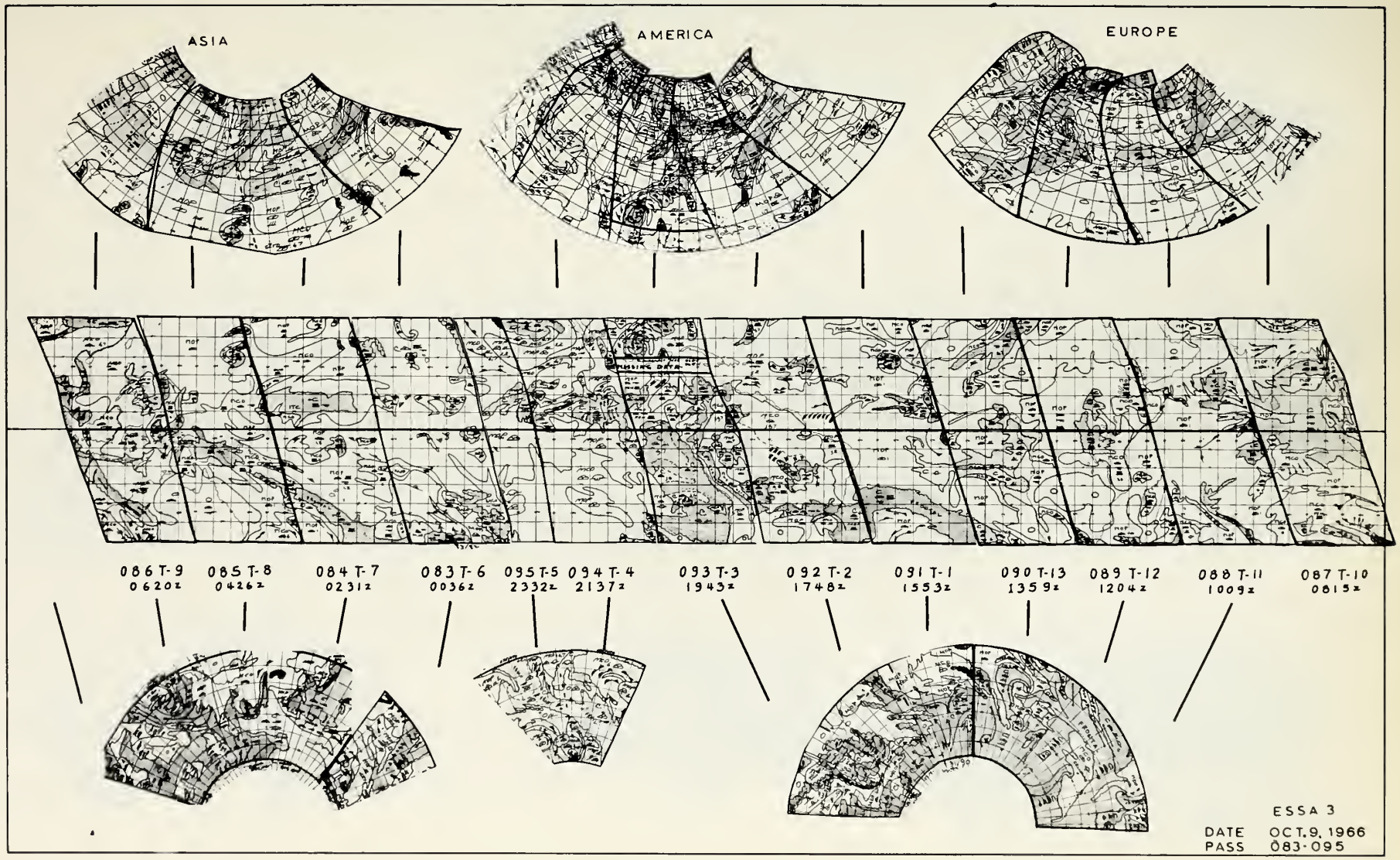
PASS: 029-032


ASIA
AMERICA
EUROPE
036 T-9
0648z
035 T-8
0453z
NO NEPH
033 T-6
0104z
045 T-6
2400z
044 T-5
2205z
043 T-4
2010
NO NEPH
041 T-2
1621z
040 T-1
1426z
039 T-12
1232z
038 T-11
1037z
NO NEPH
ESSA 3
DATE OCT. 5, 1966
PASS 033-045


AS'A
AMERICA
EUROPE
048 T-9 0544z
047 T-8 0349z
046 T-7 0154z
045 T-6 2359z
OCT. 5
054 T-2 1711z
053 T-1 1517z
052 T-13 1222z
051 T-12 1127z
050 T-11 0933z
049 T-10 0738z
ESSA 3
DATE: OCT. 6, 1966
PASS. 045 - 054


ASIA
AMERICA
EUROPE
061 T-9
0634z
060 T-8
0439z
059 T-7
0245z
058 T-6
0050z
070 T-5
2346z
069 T-4
2151z
068 T-3
1956z
067 T-2
1802z
066 T-1
1607z
065 T-13
1412z
064 T-12
1218z
063 T-11
1028z
062 T-10
0829z
ESSA 3
DATE OCT. 7, 1966
PASS 058-070


ASIA
AMERICA
EUROPE
0074 T-9 0724 Z
0073 T-8 0530 Z
0072 T-7 0335 Z
0071 T-6 0140 Z
0082 T-5 2242 Z
0081 T-4 2047 Z
0080 T-3 1852 Z
0079 T-2 1658 Z
0078 T-1 1503 Z
0077 T-12 1308 Z
0076 T-11 1114 Z
0075 T-10 0919 Z
ESSA 3
DATE: OCT. 8, 1966
PASS; 0071-0082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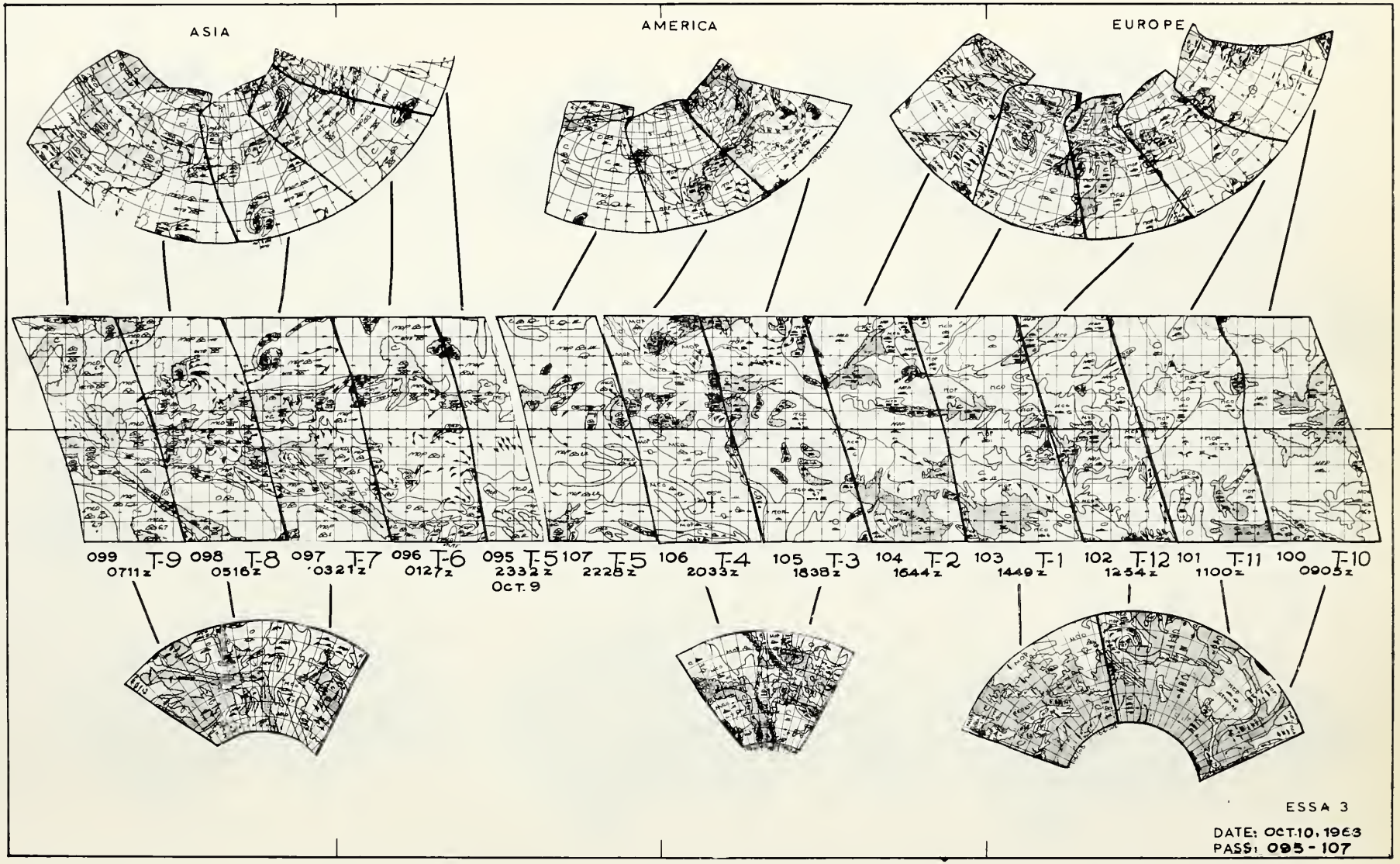
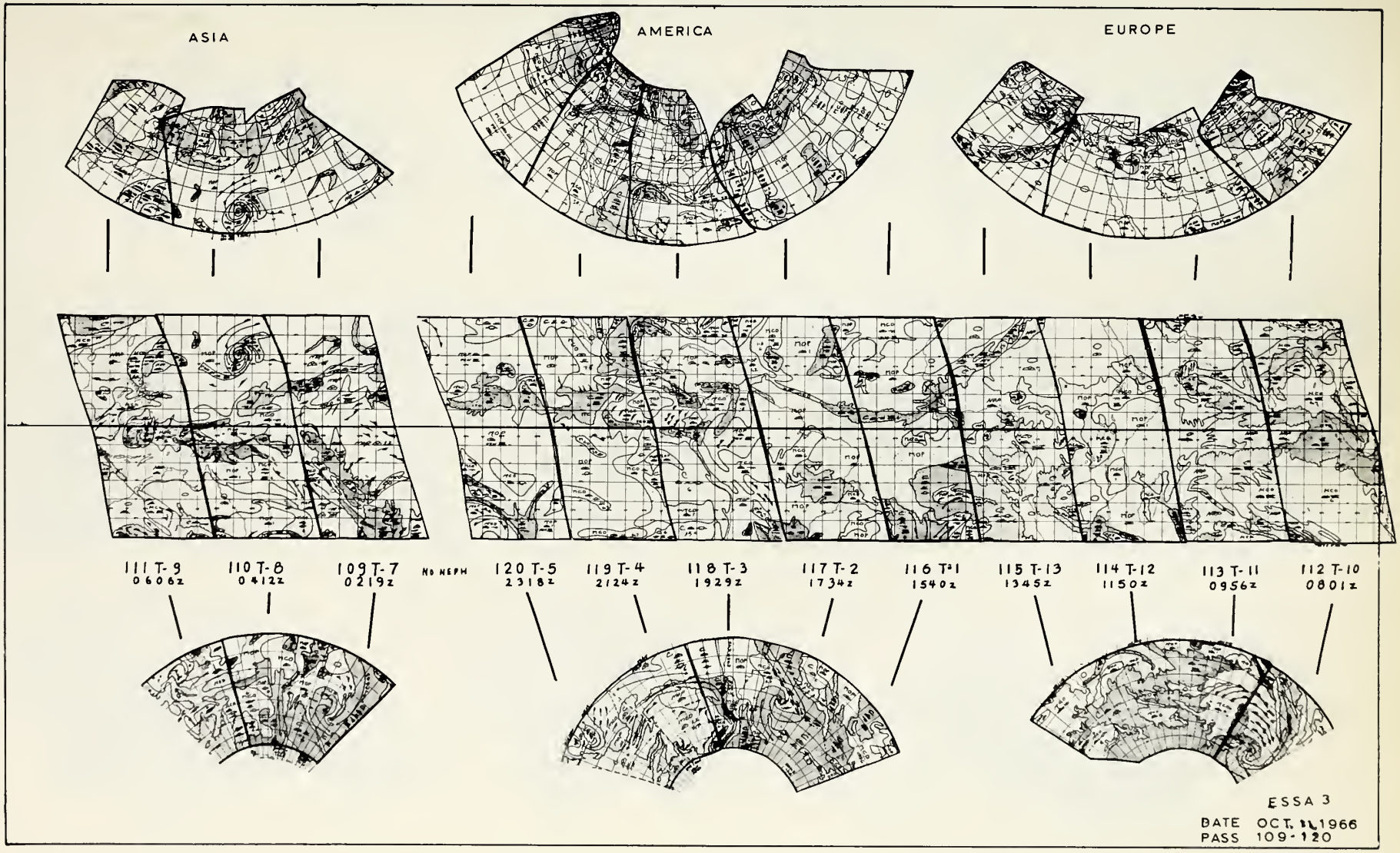
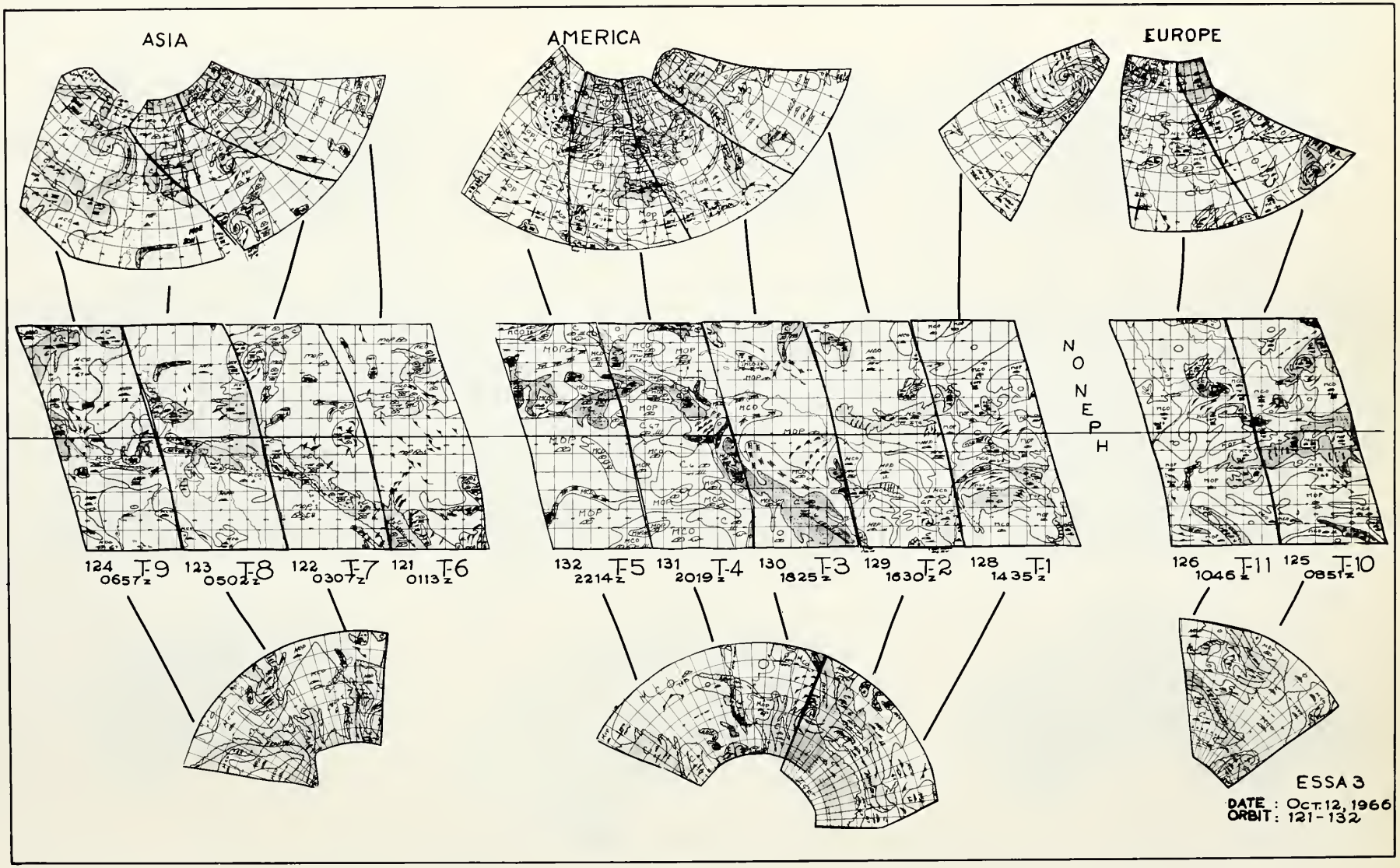
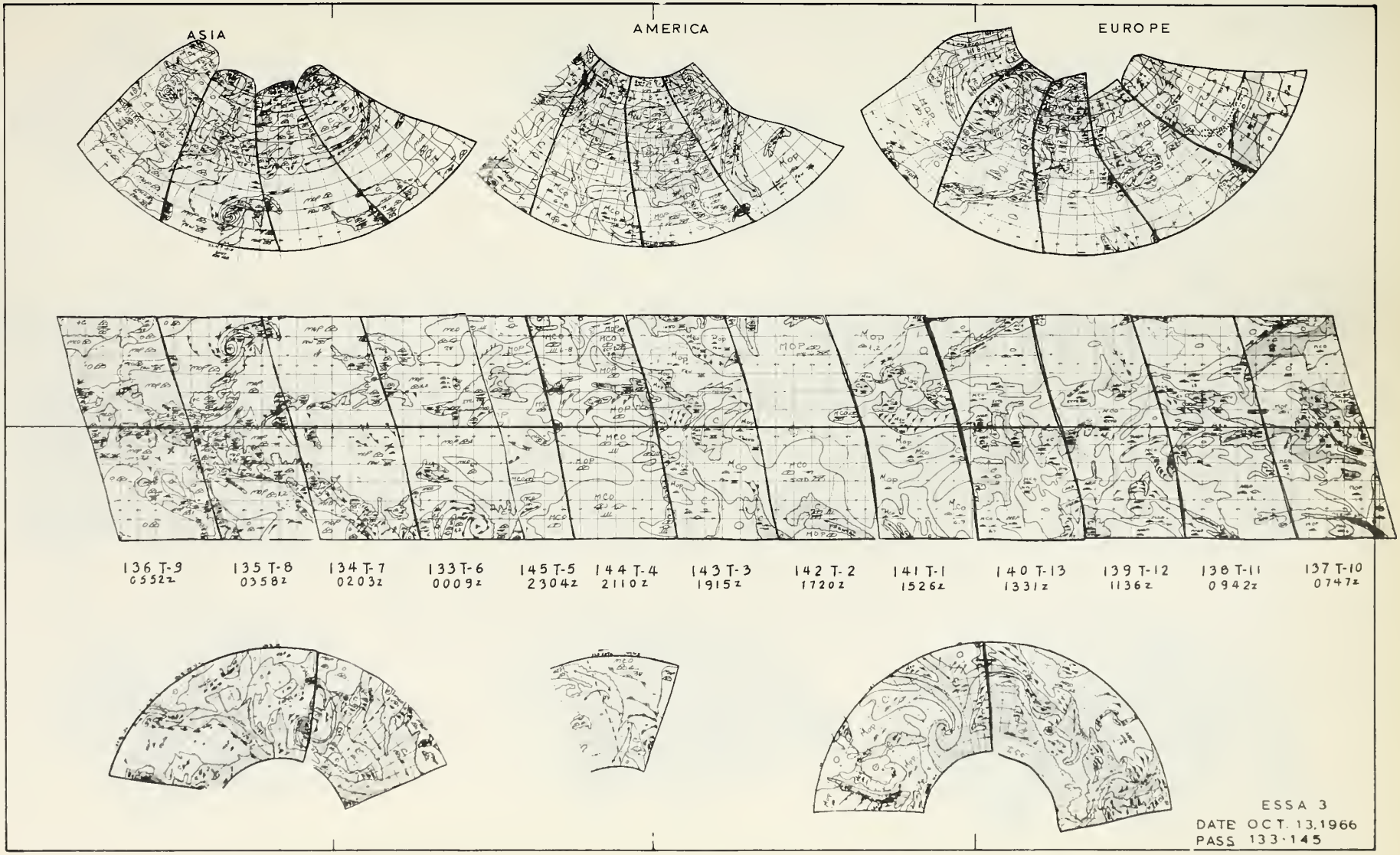
AMERICA
EUROPE
086 T-9
0620z
085 T-8
0426z
084 T-7
0231z
083 T-6
0036z
095 T-5
2332z
094 T-4
2137z
093 T-3
1943z
092 T-2
1748z
091 T-1
1553z
090 T-13
1359z
089 T-12
1204z
088 T-11
1009z
087 T-10
0815z
ESSA 3
DATE OCT. 9, 1966
PASS 083-095


ASIA
AMERICA
EUROPE
099 0711z T-9
098 0516z T-8
097 0321z T-7
096 0127z T-6
095 2332z T-5
Oct. 9
107 2228z T-5
106 2033z T-4
105 1838z T-3
104 1644z T-2
103 1449z T-1
102 1254z T-12
101 1100z T-11
100 0905z T-10
ESSA 3
DATE: OCT. 10, 1963
PASS: 095 - 107


ASIA
AMERICA
EUROPE
111 T-9
0606z
110 T-8
0412z
109 T-7
0219z
NB NEPH
120 T-5
2318z
119 T-4
2124z
118 T-3
1929z
117 T-2
1734z
116 T#1
1540z
115 T-13
1345z
114 T-12
1150z
113 T-11
0956z
112 T-10
0801z
ESSA 3
DATE OCT. 11, 1966
PASS 109-120


ASIA
AMERICA
EUROPE
NOON
124 0657Z T-9
123 0502Z T-8
122 0307Z T-7
121 0113Z T-6
132 2214Z T-5
131 2019Z T-4
130 1825Z T-3
129 1630Z T-2
128 1435Z T-1
126 1046Z T-11
125 0851Z T-10
ESSA 3
DATE : OCT. 12, 1966
ORBIT : 121-132


ASIA
AMERICA
EUROPE
136 T-9
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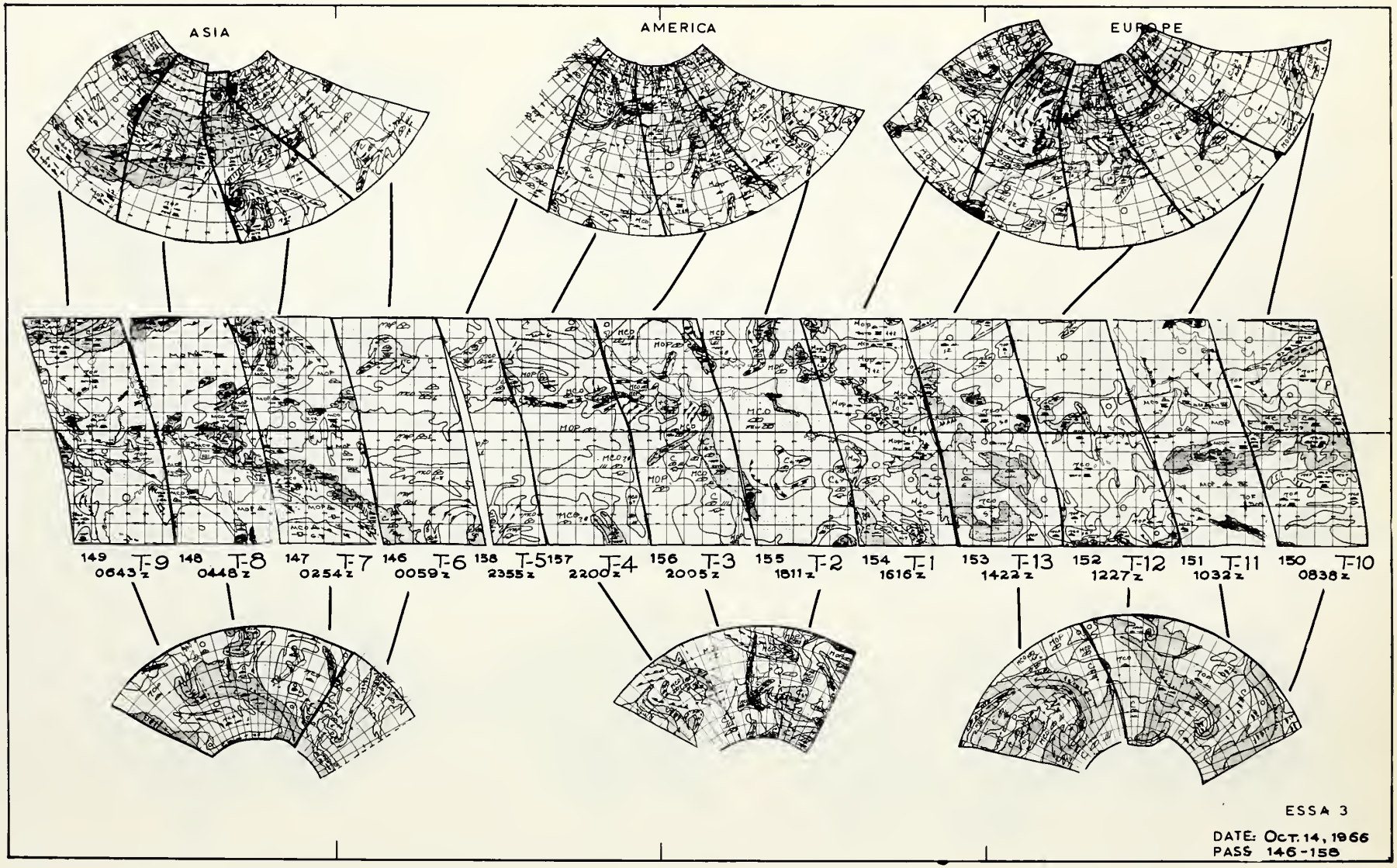
135 T-8
0358z
134 T-7
0203z
133 T-6
0009z
145 T-5
2304z
144 T-4
2110z
143 T-3
1915z
142 T-2
1720z
141 T-1
1526z
140 T-13
1331z
139 T-12
1136z
138 T-11
0942z
137 T-10
0747z
ESSA 3
DATE OCT. 13, 1966
PASS 133-145


ASIA
AMERICA
EUROPE
149 0643z T-9
148 0448z T-8
147 0254z T-7
146 0059z T-6
158 2355z T-5
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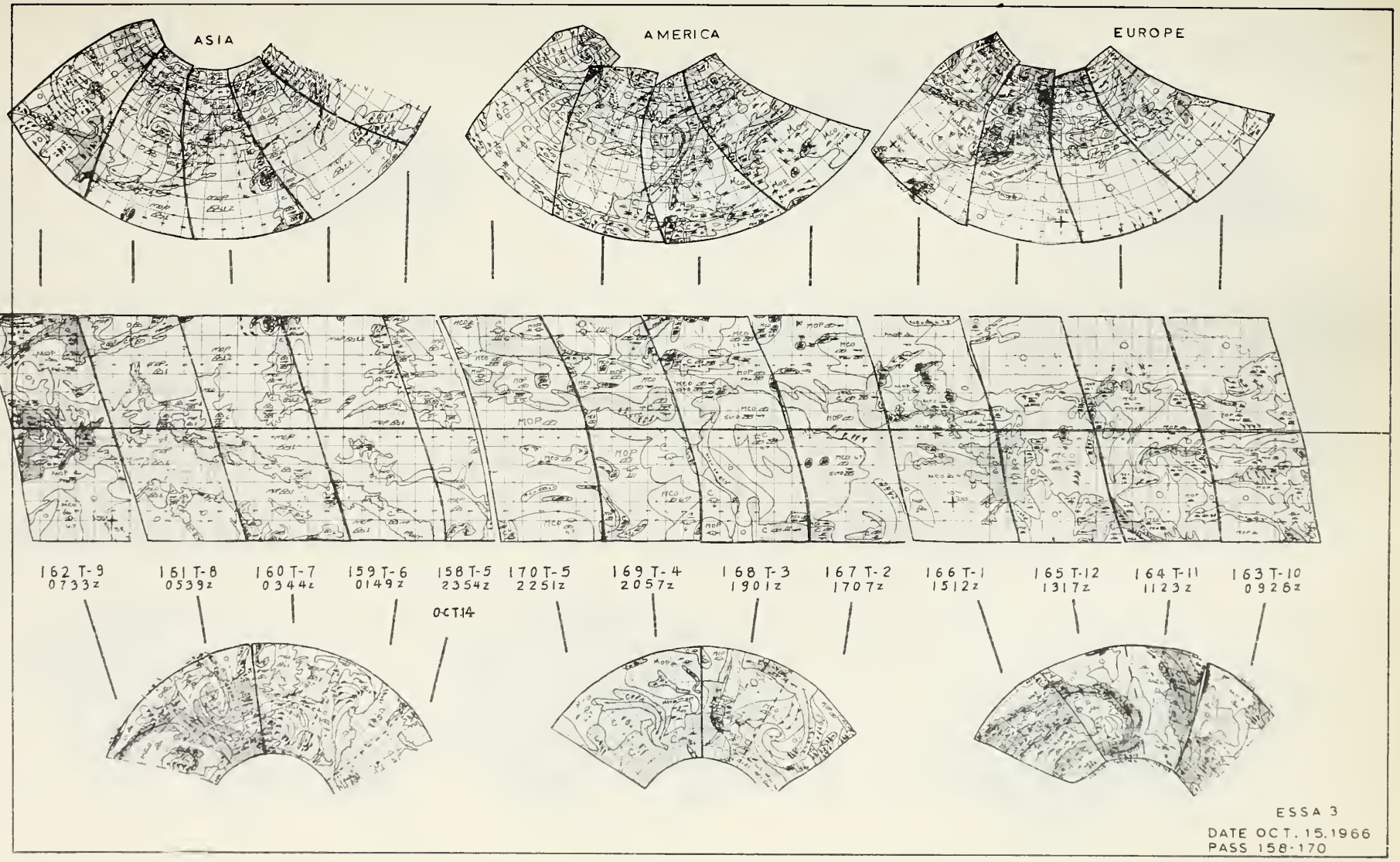
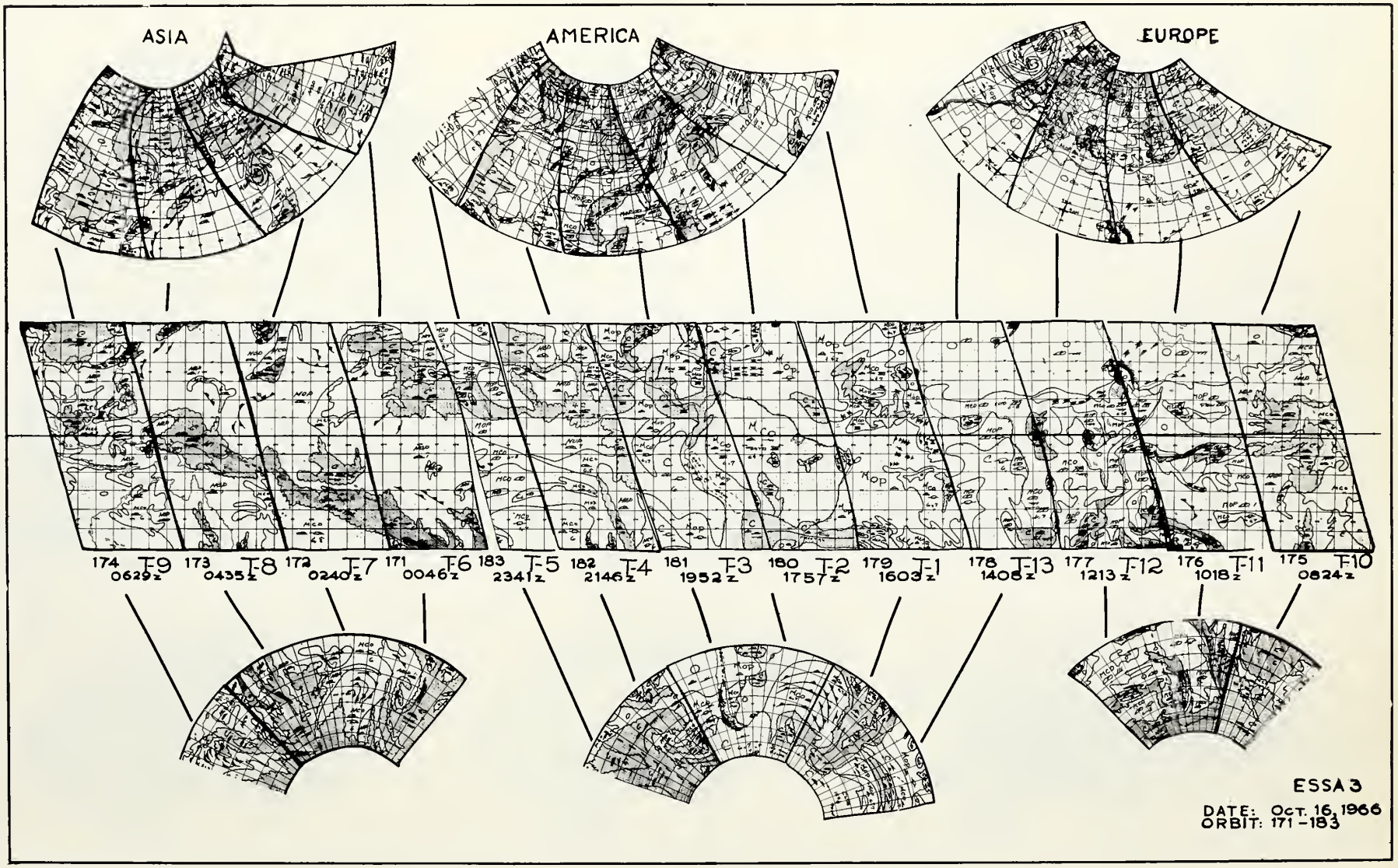
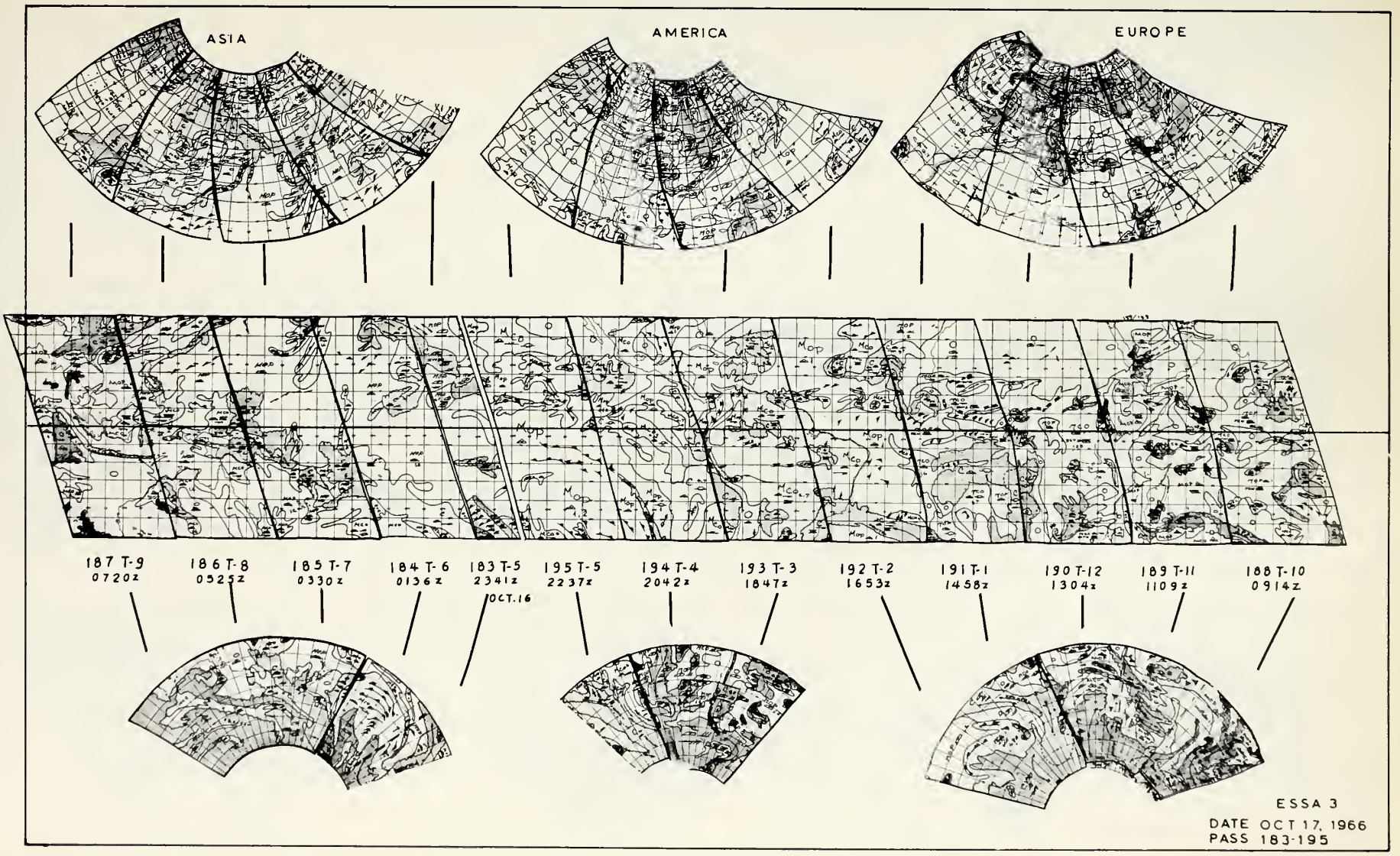
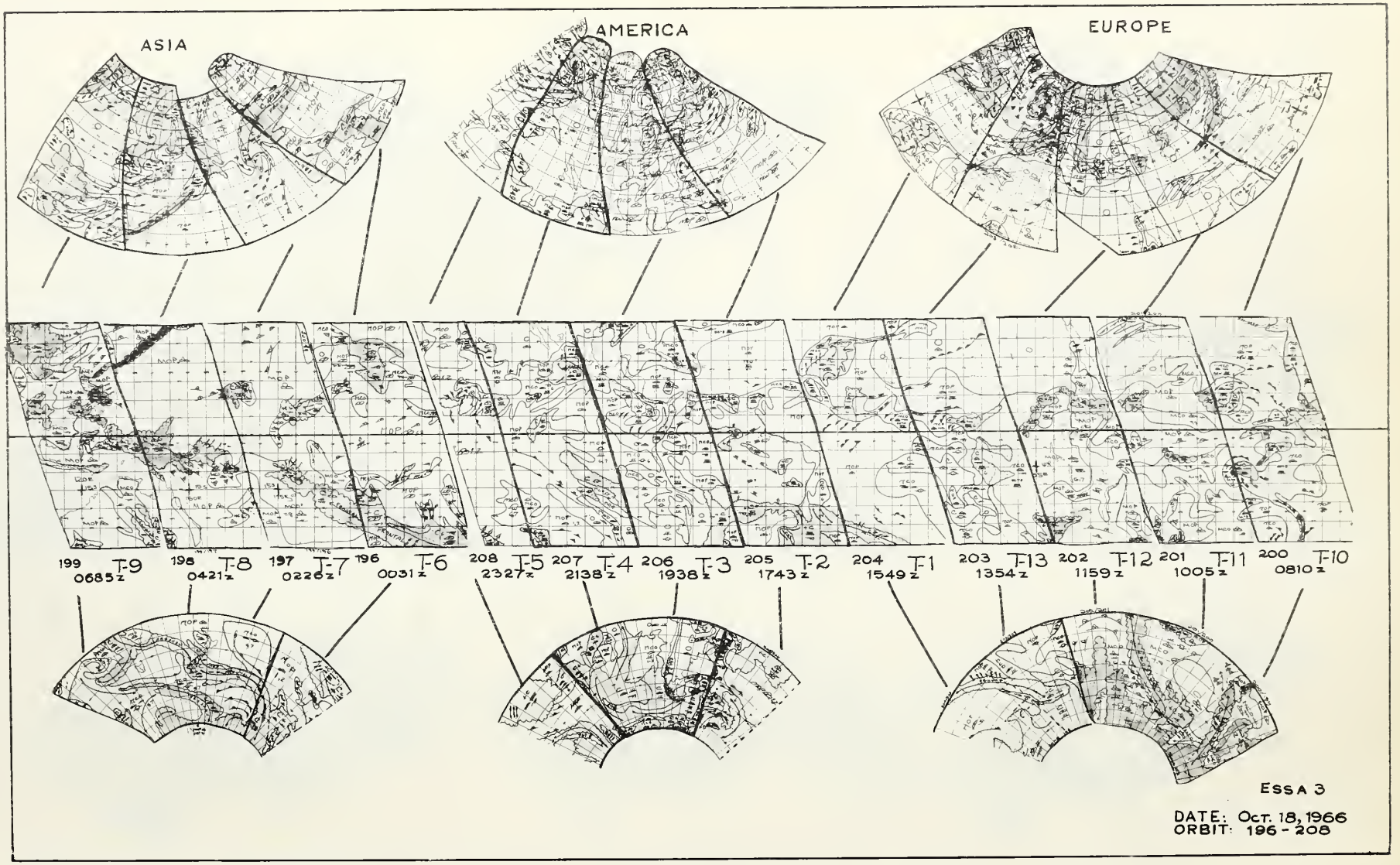
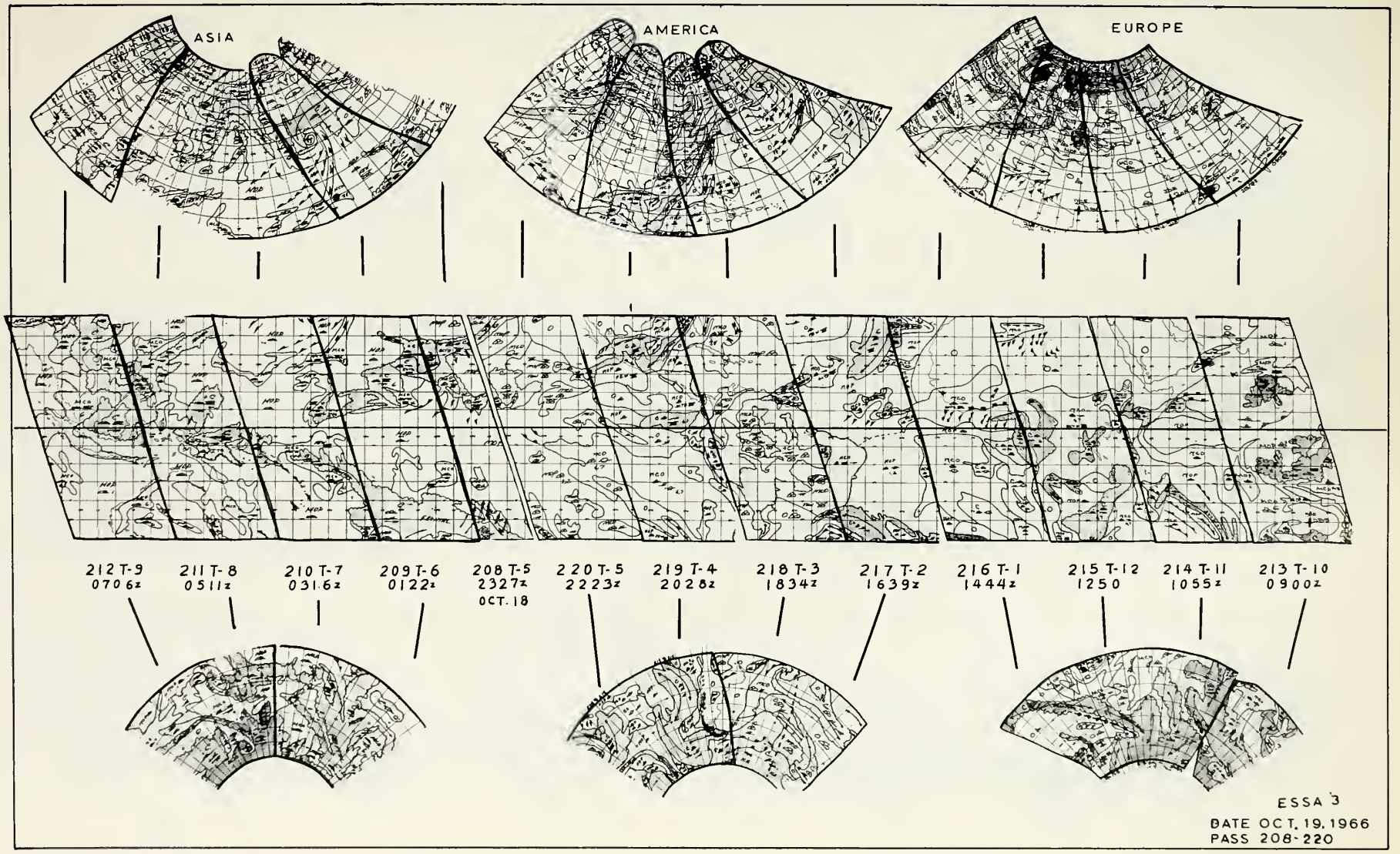
156 2005z T-3
155 1811z T-2
154 1616z T-1
153 1422z T-13
152 1227z T-12
151 1032z T-11
150 0838z T-10
ESSA 3
DATE: OCT. 14, 1966
PASS 146-158

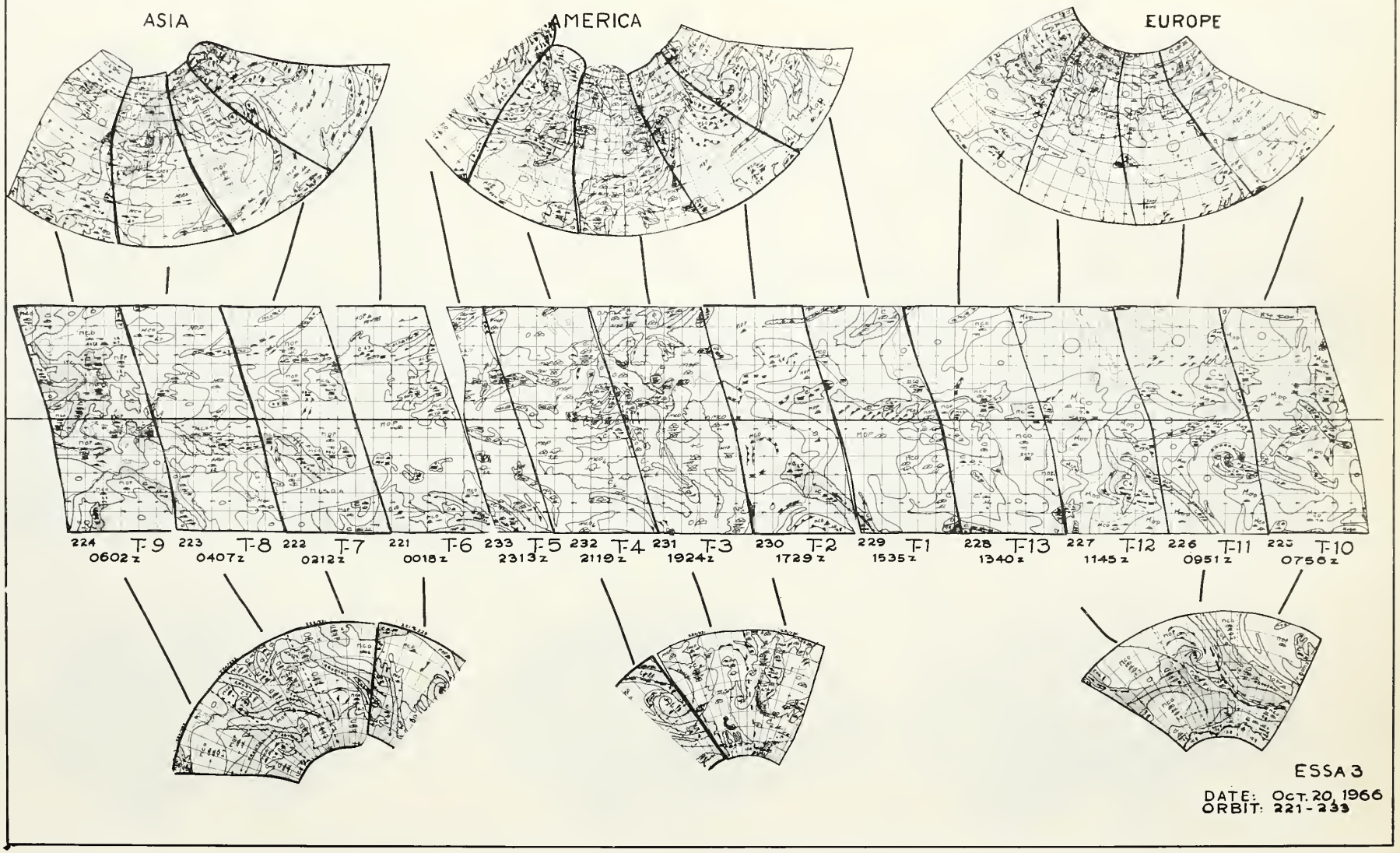

ASIA
AMERICA
EUROPE
162 T-9
0733z
161 T-8
0539z
160 T-7
0344z
159 T-6
0149z
158 T-5
2354z
OCT 14
170 T-5
2251z
169 T-4
2057z
168 T-3
1901z
167 T-2
1707z
166 T-1
1512z
165 T-12
1317z
164 T-11
1123z
163 T-10
0926z
ESSA 3
DATE OCT. 15, 1966
PASS 158-170

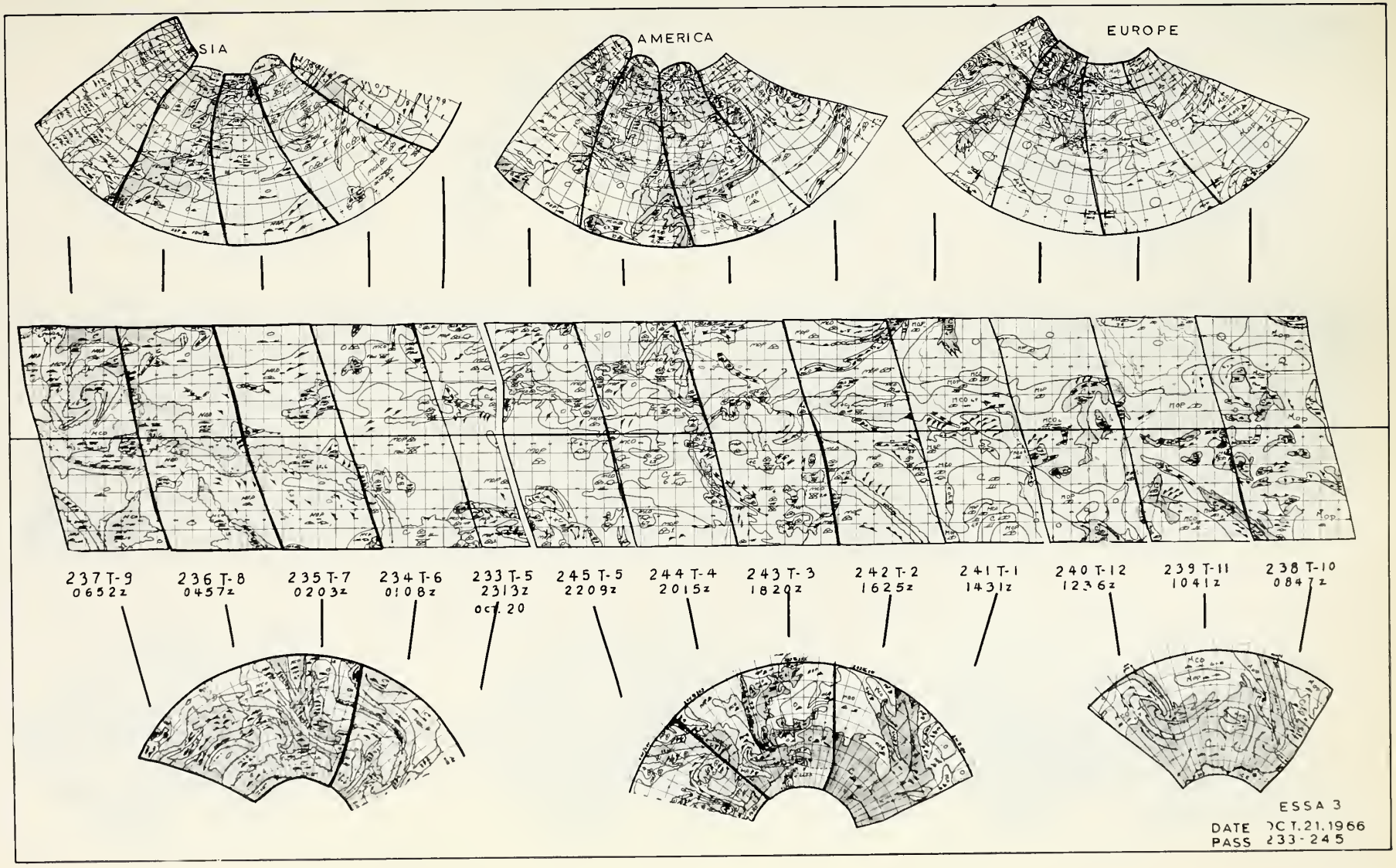

ASIA
AMERICA
EUROPE
174 0629z F9
173 0435z F8
172 0240z F7
171 0046z F6
183 2341z F5
182 2146z F4
181 1952z F3
180 1757z F2
179 1603z F1
178 1408z F13
177 1213z F12
176 1018z F11
175 0824z F10
ESSA 3
DATE: Oct. 16, 1966
ORBIT: 171 - 183

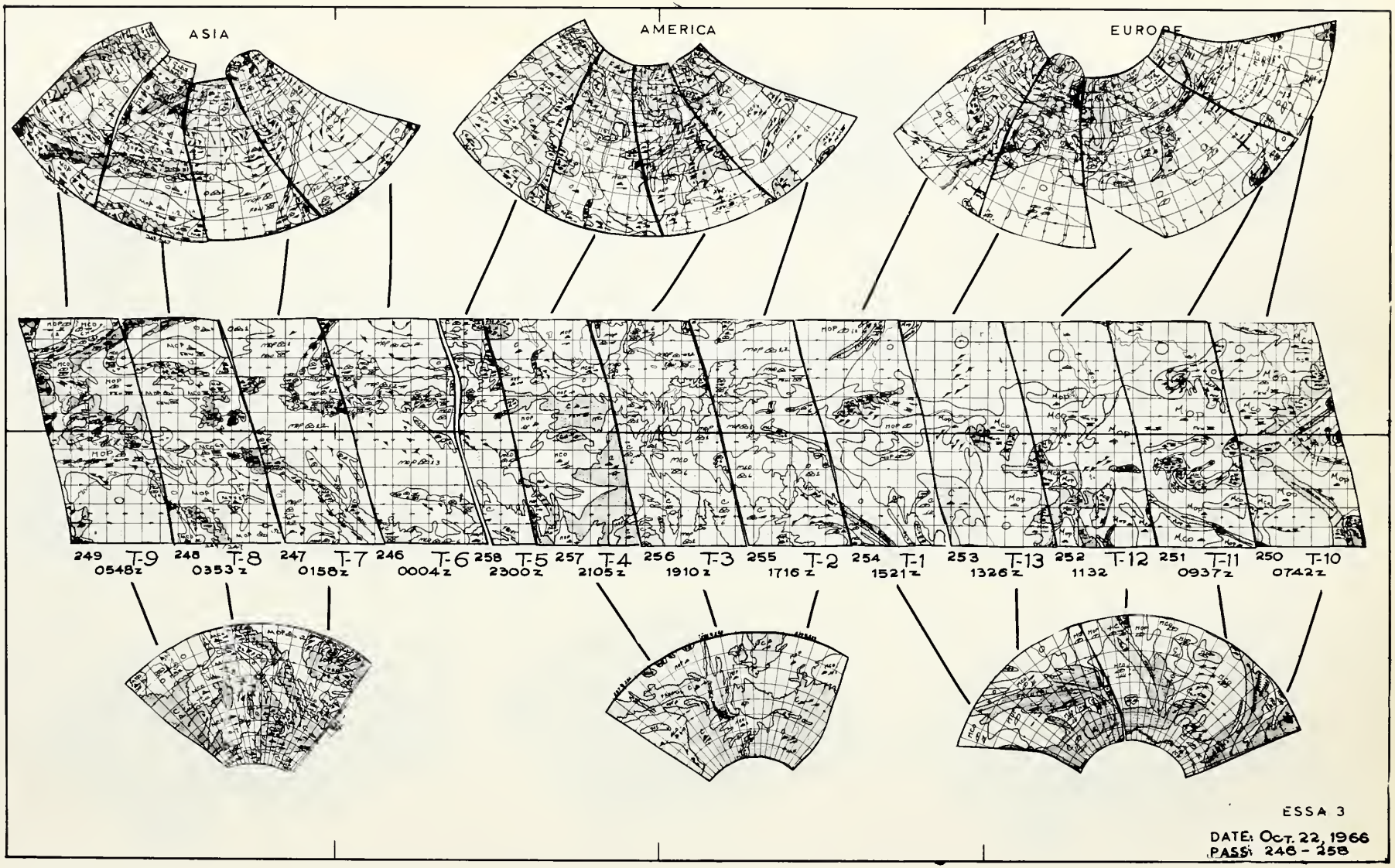

ASIA
AMERICA
EUROPE
187 T-9
0720z
186 T-8
0525z
185 T-7
0330z
184 T-6
0136z
183 T-5
2341z
OCT. 16
195 T-5
2237z
194 T-4
2042z
193 T-3
1847z
192 T-2
1653z
191 T-1
1458z
190 T-12
1304z
189 T-11
1109z
188 T-10
0914z
ESSA 3
DATE OCT 17, 1966
PASS 183-195

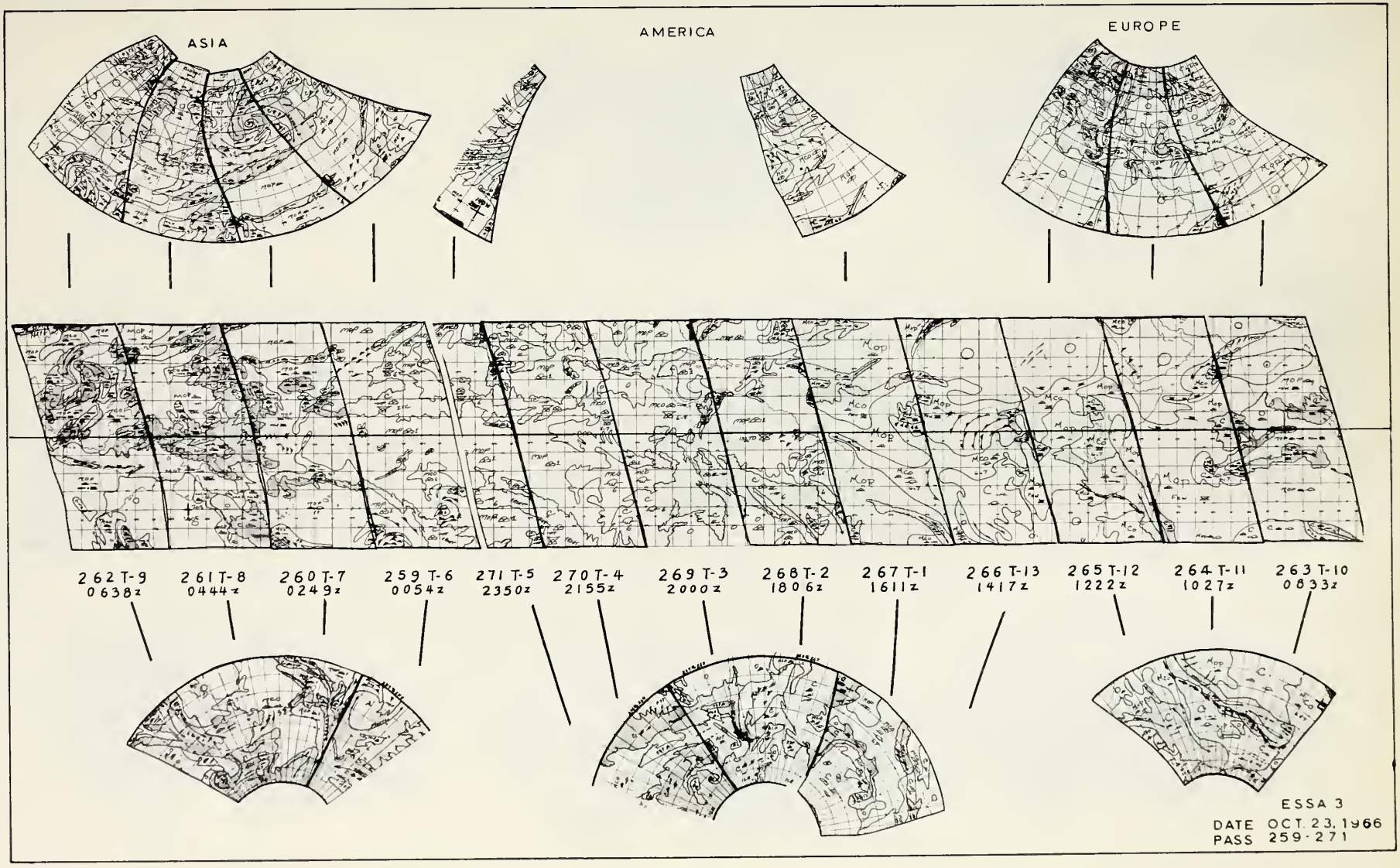

ASIA
AMERICA
EUROPE
199 T-9 0685z
198 T-8 0421z
197 T-7 0226z
196 T-6 0031z
208 T-5 2327z
207 T-4 2138z
206 T-3 1938z
205 T-2 1743z
204 T-1 1549z
203 T-13 1354z
202 T-12 1159z
201 T-11 1005z
200 T-10 0810z
ESSA 3
DATE: Oct. 18, 1966
ORBIT: 196 - 208

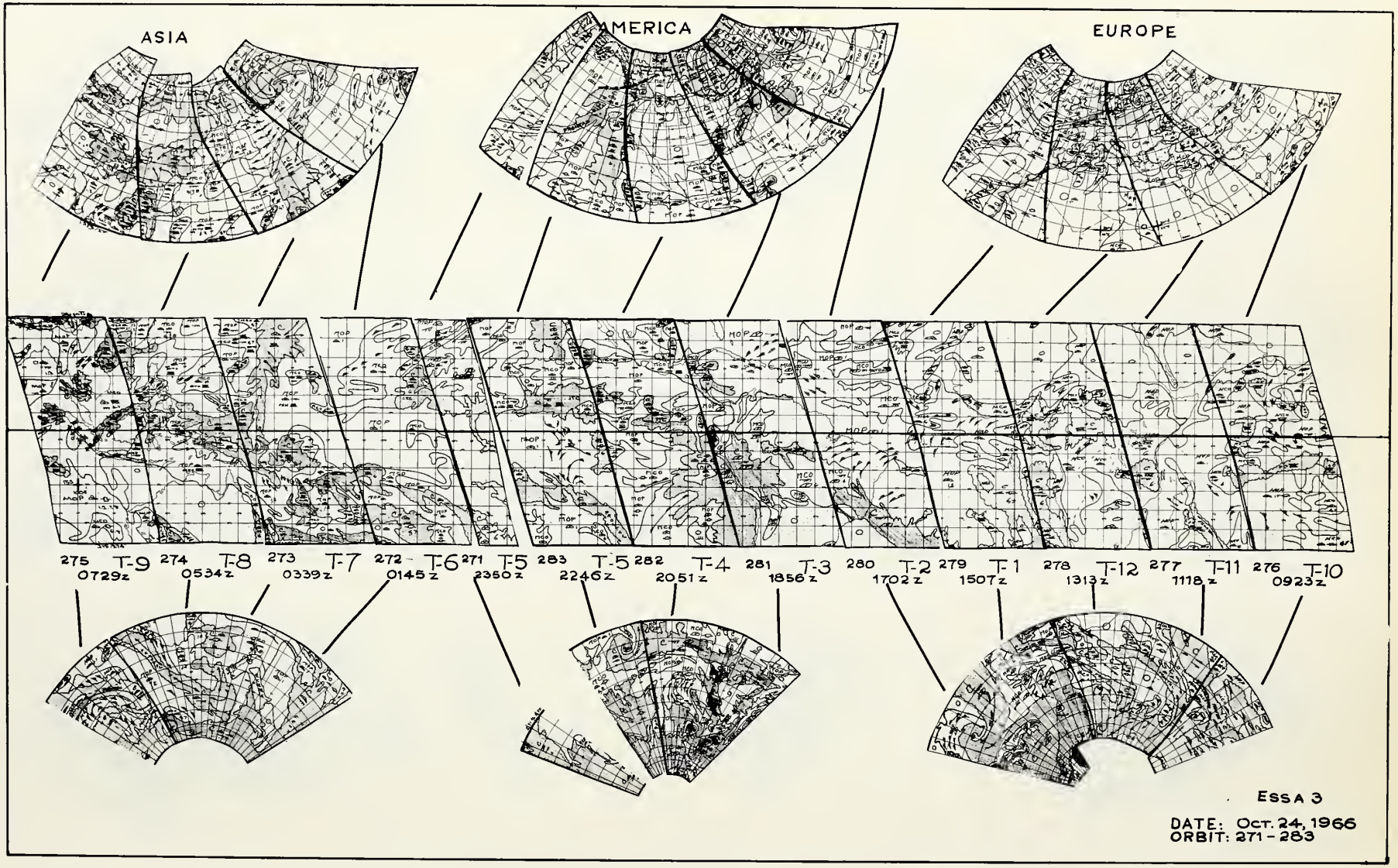

ASIA
AMERICA
EUROPE
212 T-9
0706z
211 T-8
0511z
210 T-7
0316z
209 T-6
0122z
208 T-5
2327z
OCT. 18
220 T-5
2223z
219 T-4
2028z
218 T-3
1834z
217 T-2
1639z
216 T-1
1444z
215 T-12
1250
214 T-11
1055z
213 T-10
0900z
ESSA 3
DATE OCT. 19, 1966
PASS 208-220

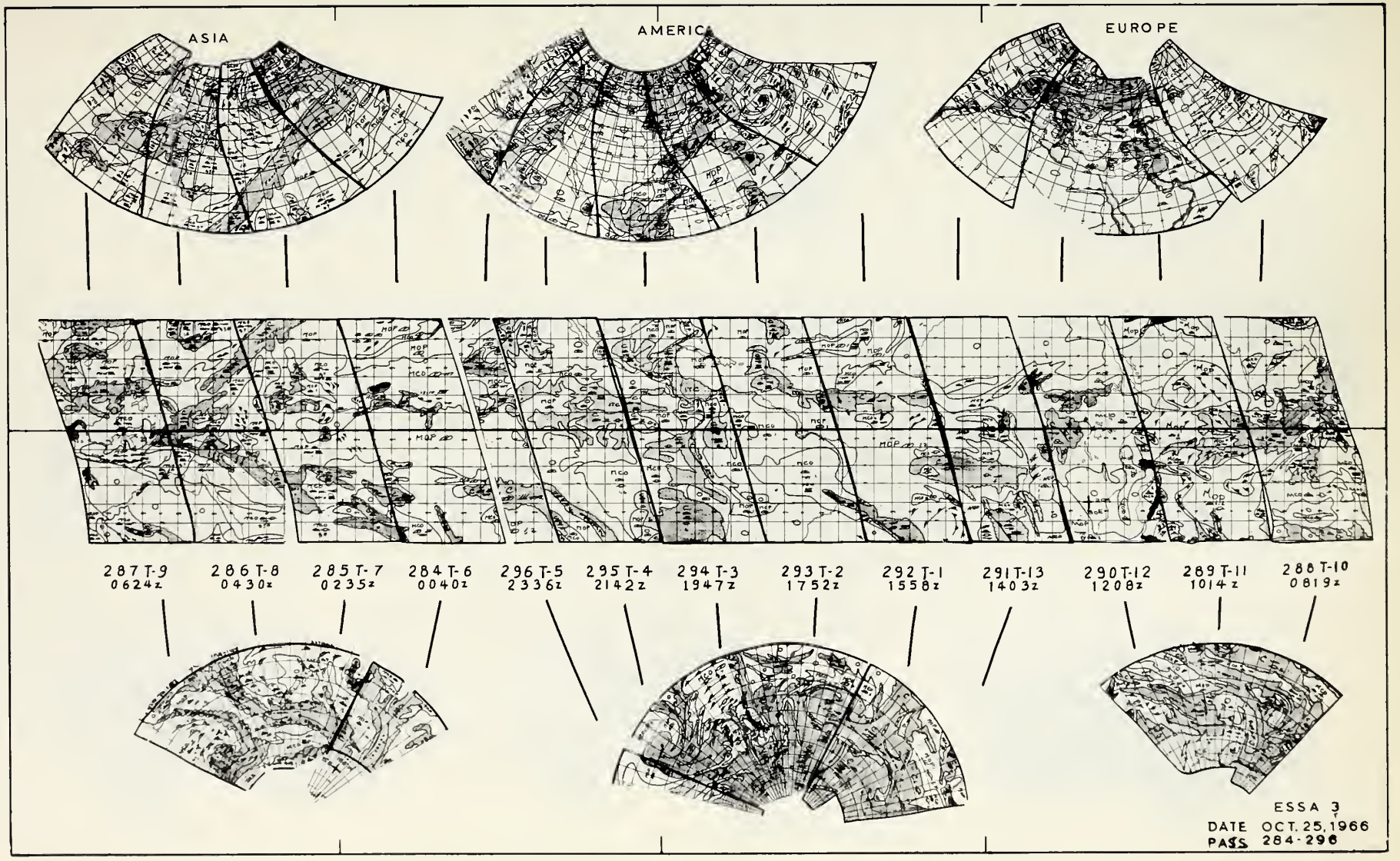

ASIA
AMERICA
EUROPE
224 T-9 0602z
223 T-8 0407z
222 T-7 0212z
221 T-6 0018z
233 T-5 2313z
232 T-4 2119z
231 T-3 1924z
230 T-2 1729z
229 T-1 1535z
228 T-13 1340z
227 T-12 1145z
226 T-11 0951z
225 T-10 0756z
ESSA 3
DATE: Oct. 20, 1966
ORBIT: 221-233

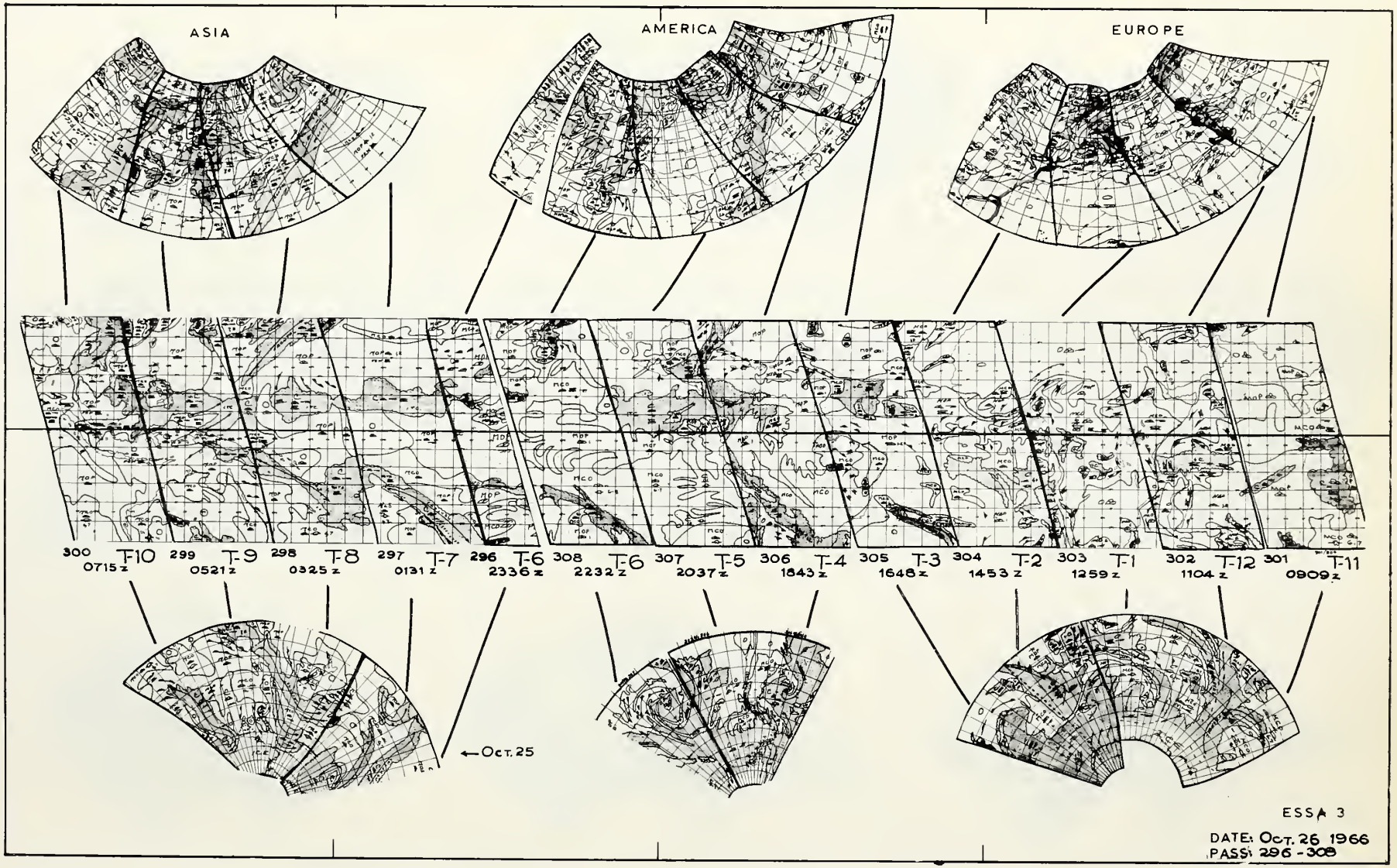

SIA
AMERICA
EUROPE
237 T-9
0652z
236 T-8
0457z
235 T-7
0203z
234 T-6
0108z
233 T-5
2313z
OCT. 20
245 T-5
2209z
244 T-4
2015z
243 T-3
1820z
242 T-2
1625z
241 T-1
1431z
240 T-12
1236z
239 T-11
1041z
238 T-10
0847z
ESSA 3
DATE OCT. 21, 1966
PASS 233-245

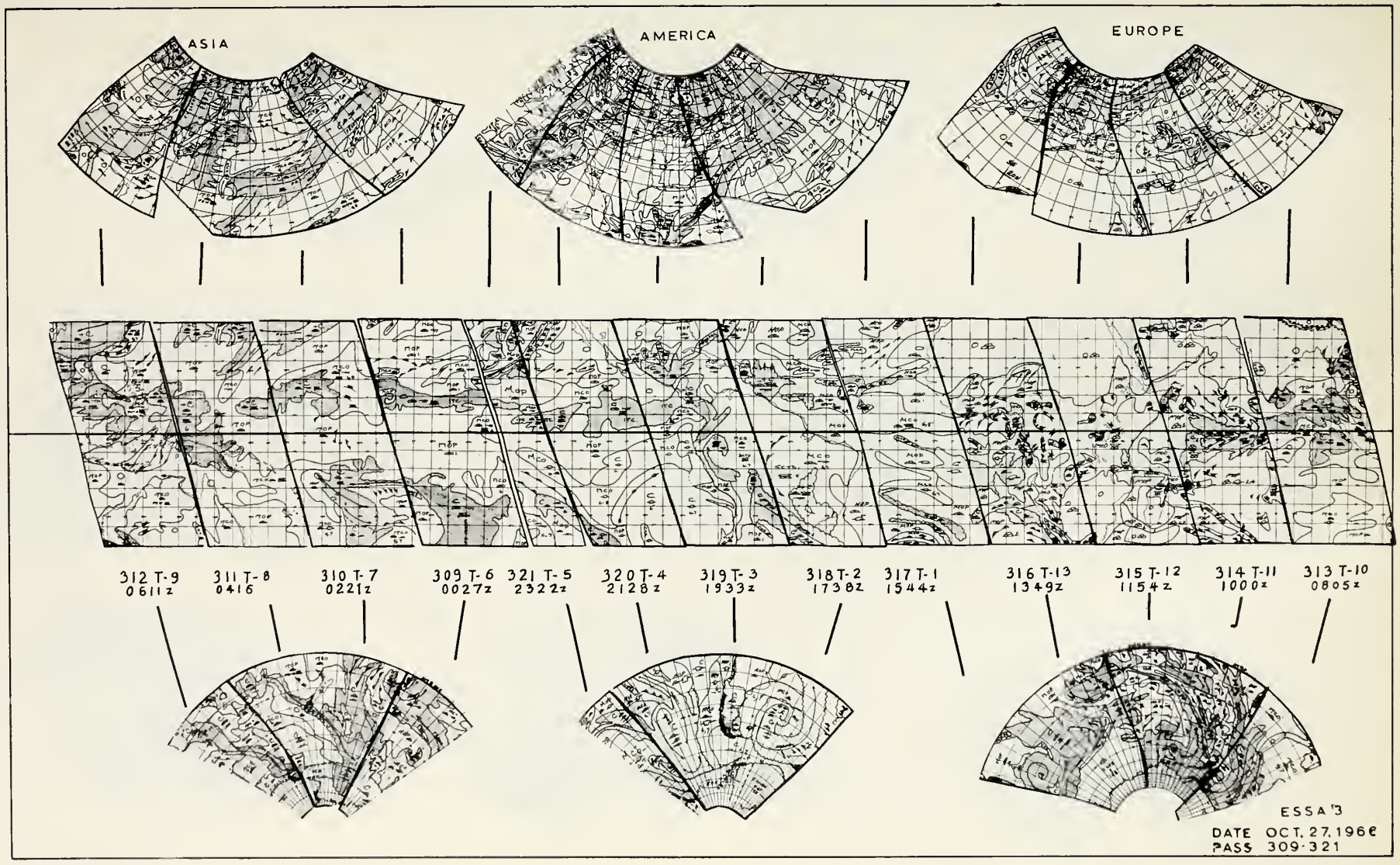

ASIA
AMERICA
EUROPE
249 T-9 0548z
248 T-8 0353z
247 T-7 0158z
246 T-6 0004z
258 T-5 2300z
257 T-4 2105z
256 T-3 1910z
255 T-2 1716z
254 T-1 1521z
253 T-13 1326z
252 T-12 1132
251 T-11 0937z
250 T-10 0742z
ESSA 3
DATE: Oct. 22, 1966
PASS: 246 - 258

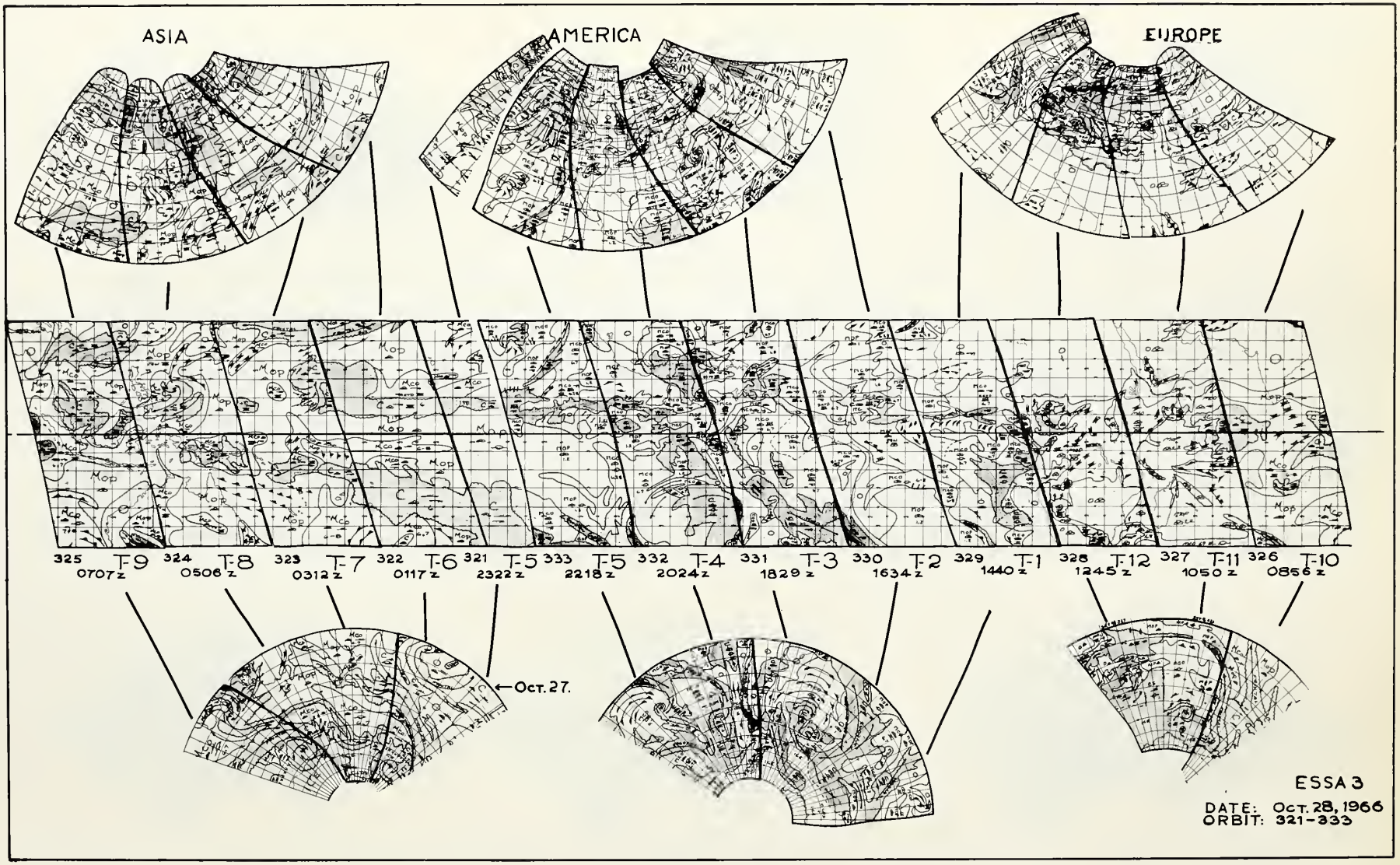

ASIA
AMERICA
EUROPE
262 T-9
0638z
261 T-8
0444z
260 T-7
0249z
259 T-6
0054z
271 T-5
2350z
270 T-4
2155z
269 T-3
2000z
268 T-2
1806z
267 T-1
1611z
266 T-13
1417z
265 T-12
1222z
264 T-11
1027z
263 T-10
0833z
ESSA 3
DATE OCT. 23, 1966
PASS 259-271

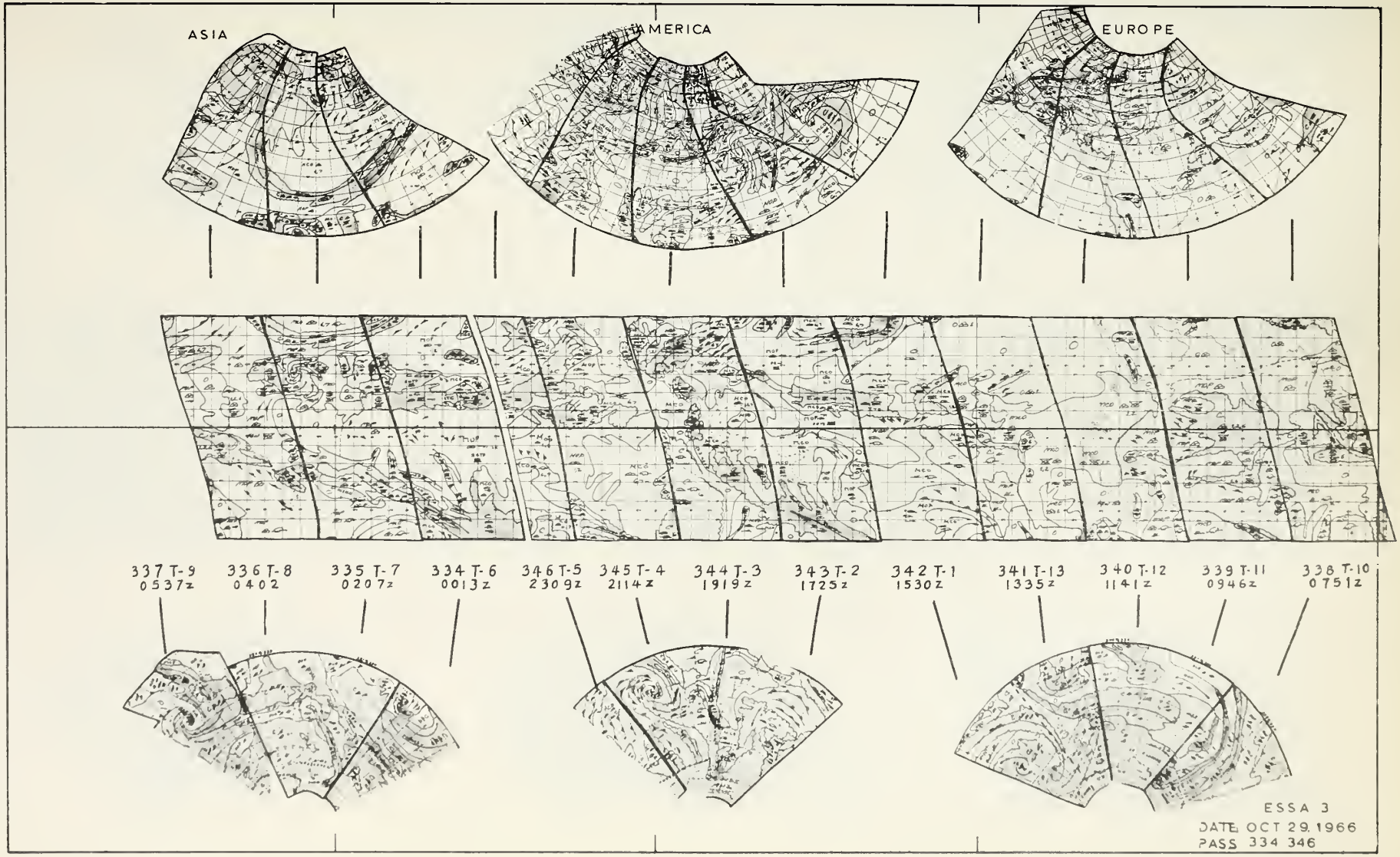

ASIA
AMERICA
EUROPE
275 T-9 0729z
274 T-8 0534z
273 T-7 0339z
272 T-6 0145z
271 T-5 2350z
283 T-5 2246z
282 T-4 2051z
281 T-3 1856z
280 T-2 1702z
279 T-1 1507z
278 T-12 1313z
277 T-11 1118z
276 T-10 0923z
ESSA 3
DATE: OCT. 24, 1966
ORBIT: 271 - 283

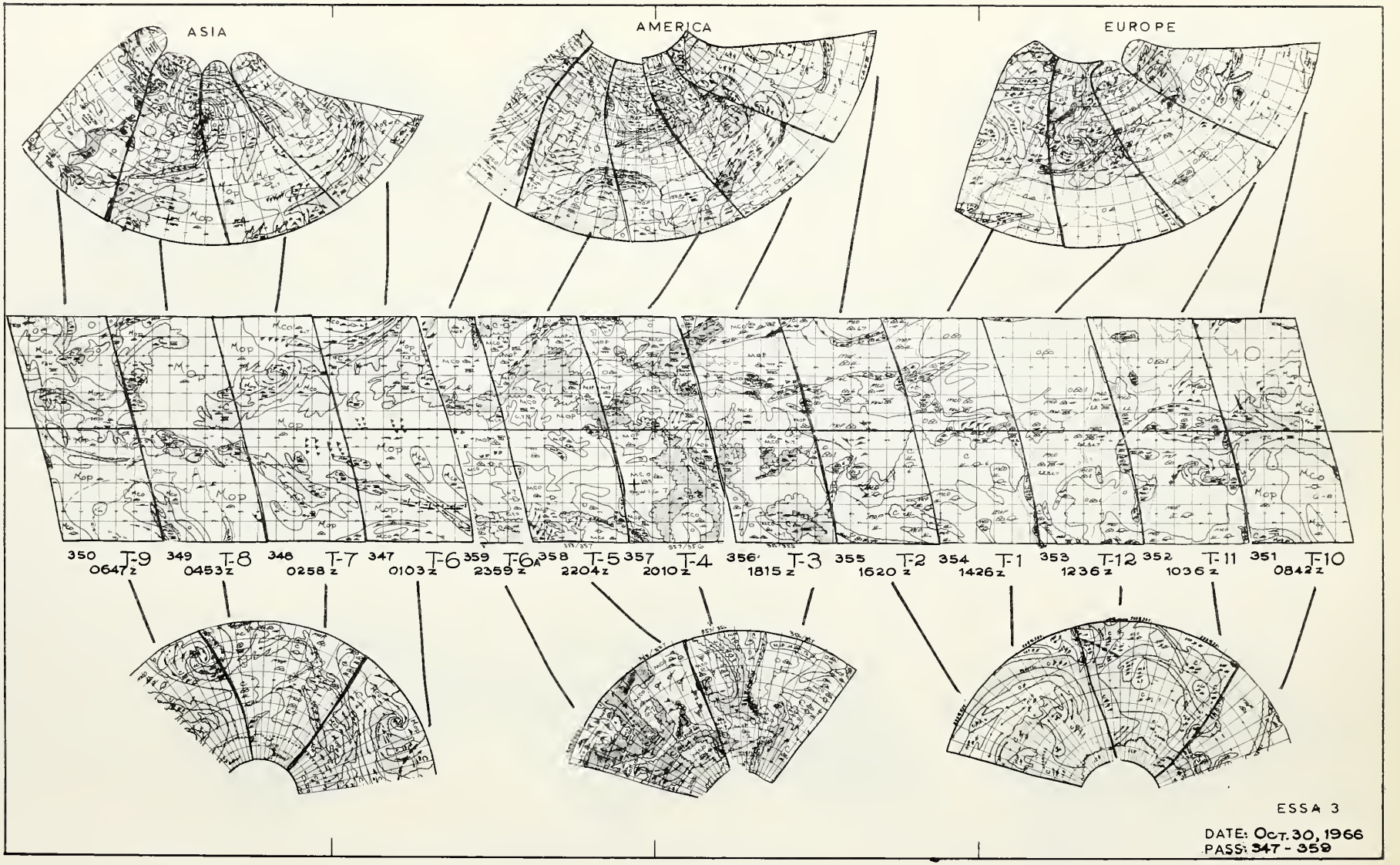

ASIA
AMERICA
EUROPE
287 T-9
0624z
286 T-8
0430z
285 T-7
0235z
284 T-6
0040z
296 T-5
2336z
295 T-4
2142z
294 T-3
1947z
293 T-2
1752z
292 T-1
1558z
291 T-13
1403z
290 T-12
1208z
289 T-11
1014z
288 T-10
0819z
ESSA 3
DATE OCT. 25, 1966
PASS 284-296

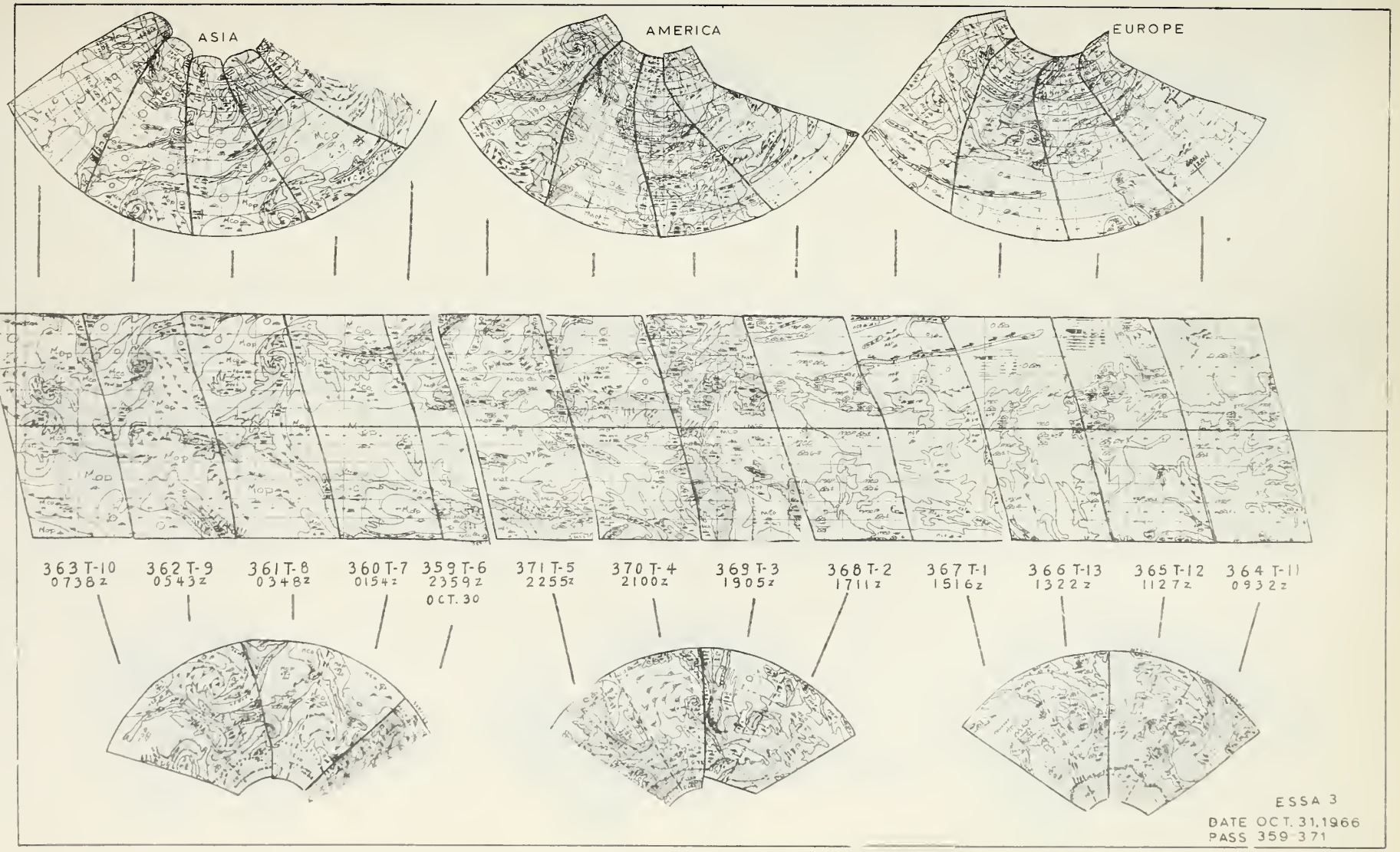

ASIA
AMERICA
EUROPE
300 0715 z
T-10
299 0521 z
T-9
298 0325 z
T-8
297 0131 z
T-7
296 2336 z
T-6
308 2232 z
T-6
307 2037 z
T-5
306 1843 z
T-4
305 1648 z
T-3
304 1453 z
T-2
303 1259 z
T-1
302 1104 z
T-12
301 0909 z
T-11
← Oct. 25
ESSA 3
DATE: Oct. 26 1966
PASS: 296 - 308

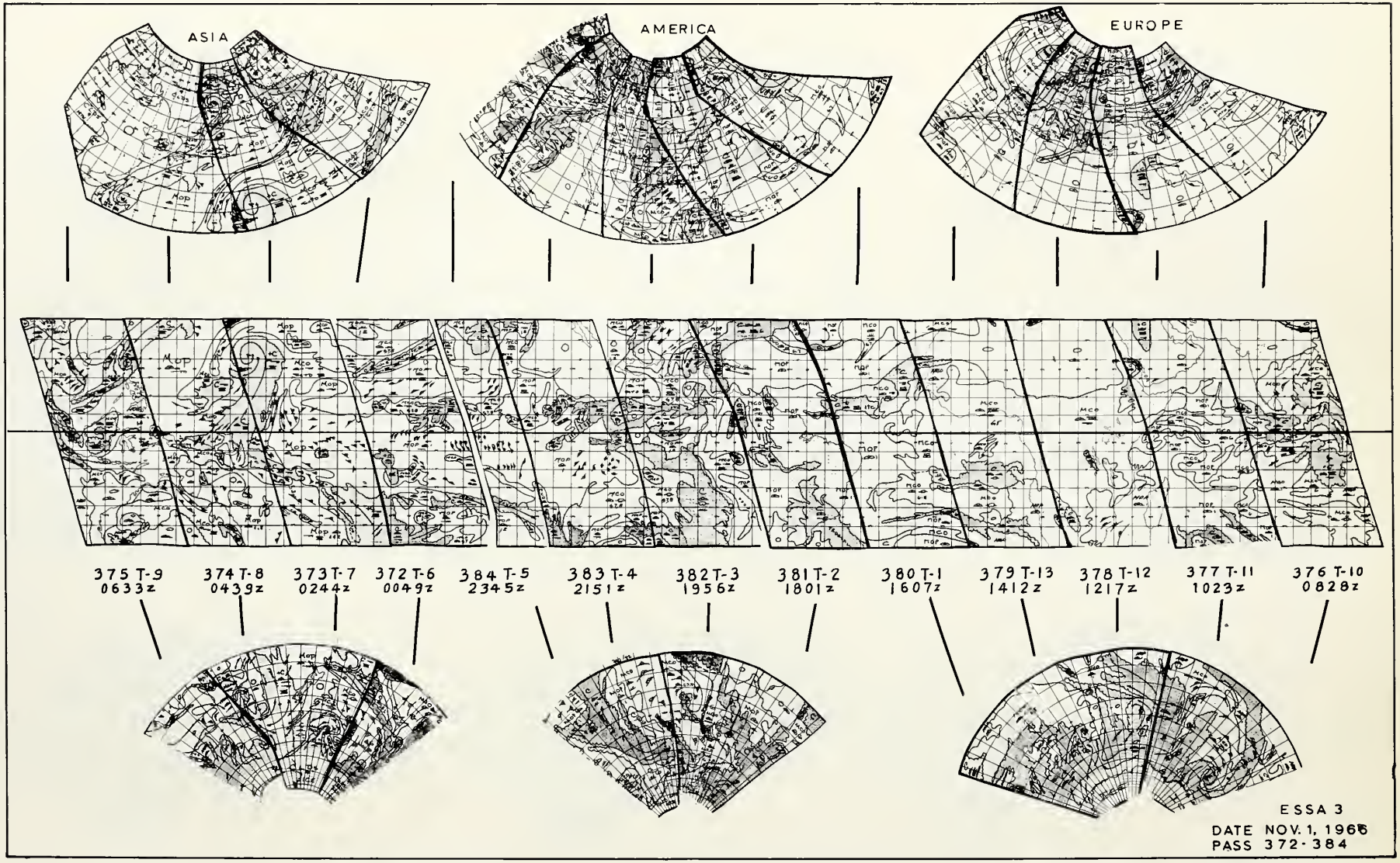

ASIA
AMERICA
EUROPE
312 T-9
0611z
311 T-8
0416
310 T-7
0221z
309 T-6
0027z
321 T-5
2322z
320 T-4
2128z
319 T-3
1933z
318 T-2
1738z
317 T-1
1544z
316 T-13
1349z
315 T-12
1154z
314 T-11
1000z
313 T-10
0805z
ESSA 3
DATE OCT. 27, 1966
PASS 309-321

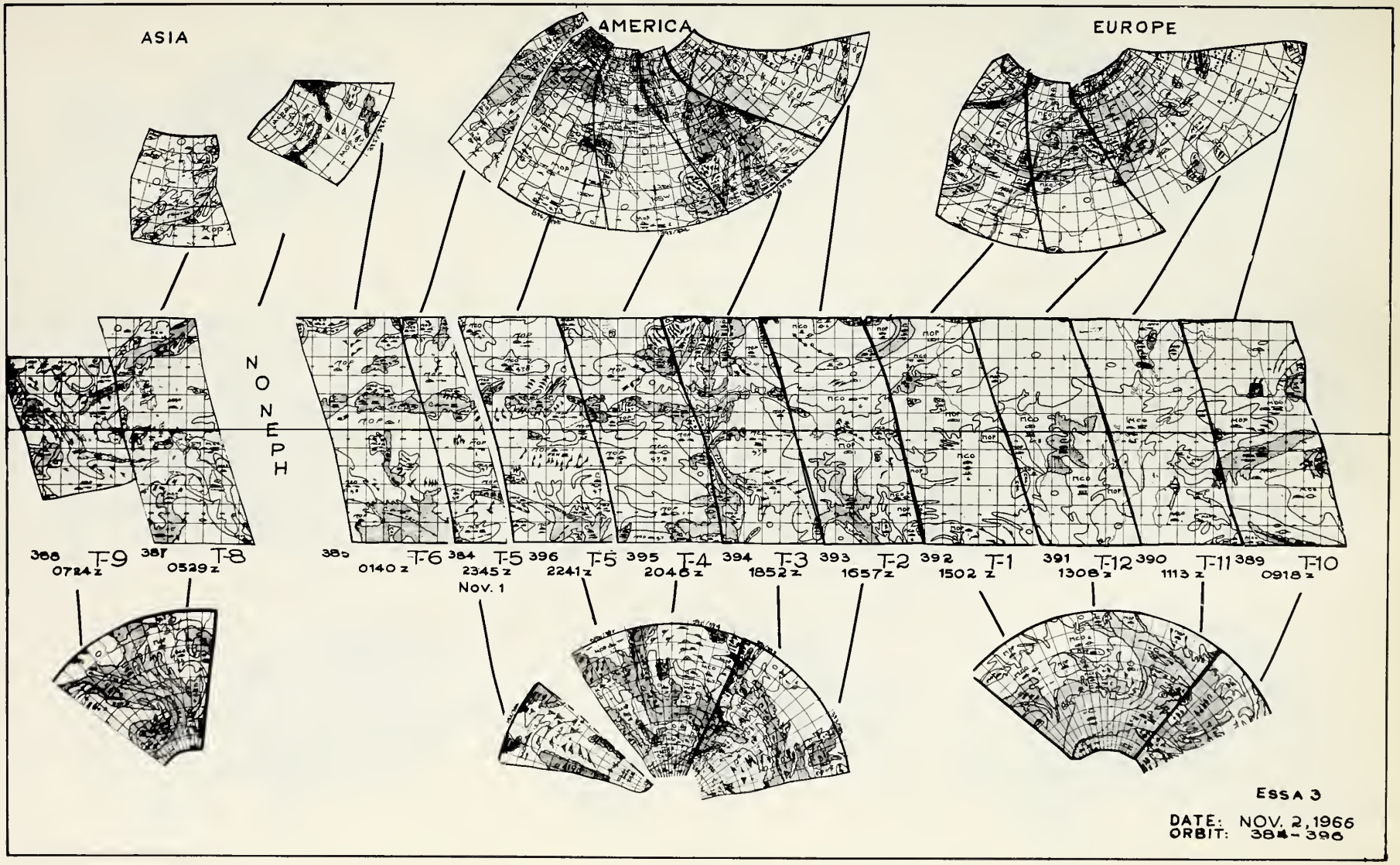

ASIA
AMERICA
EUROPE
325 T-9 0707z
324 T-8 0506z
323 T-7 0312z
322 T-6 0117z
321 T-5 2322z
333 T-5 2218z
332 T-4 2024z
331 T-3 1829z
330 T-2 1634z
329 T-1 1440z
328 T-12 1245z
327 T-11 1050z
326 T-10 0856z
←Oct. 27.
ESSA 3
DATE: Oct. 28, 1966
ORBIT: 321-333

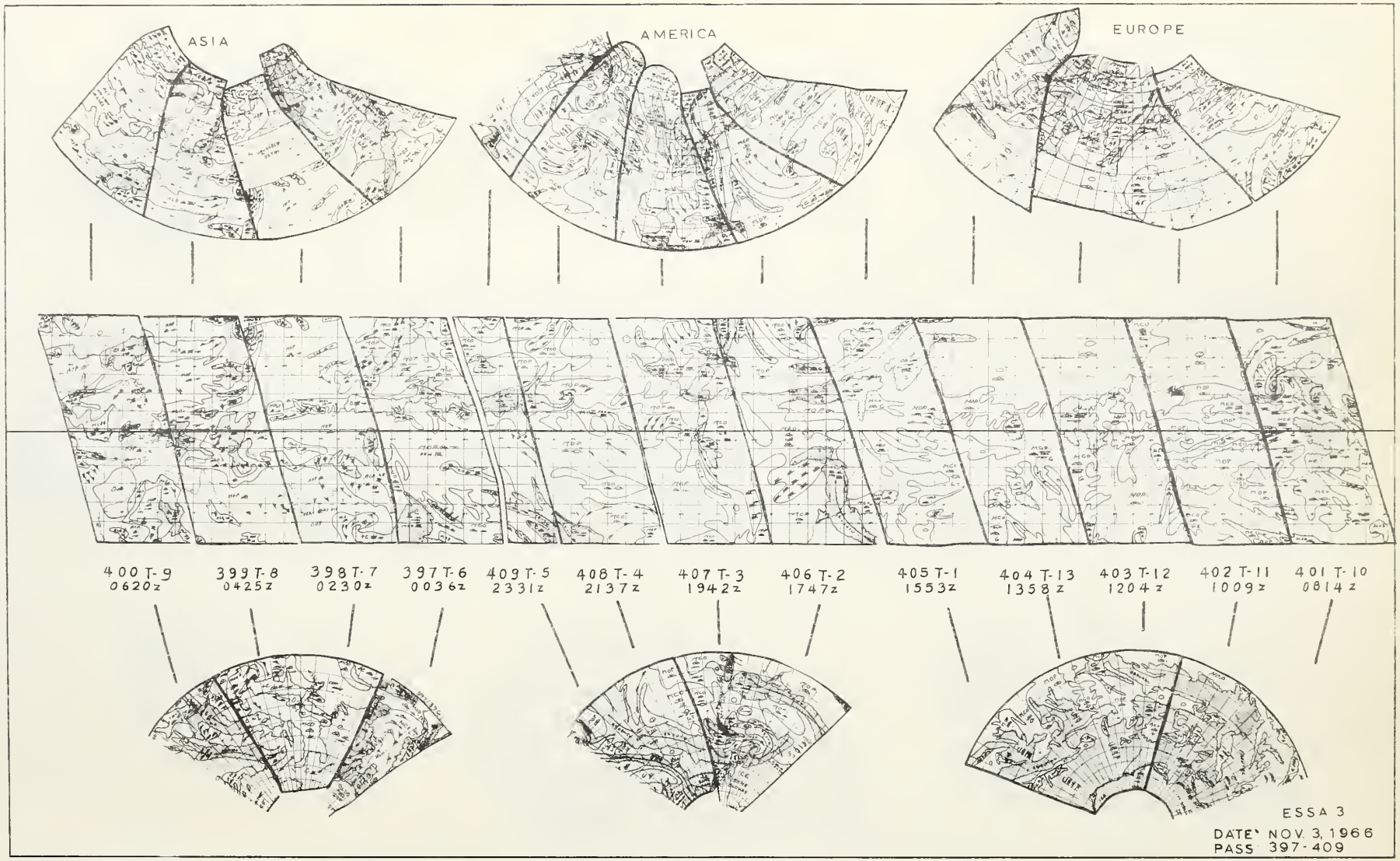

ASIA
AMERICA
EUROPE
337 T-9
0537z
336 T-8
0402
335 T-7
0207z
334 T-6
0013z
346 T-5
2309z
345 T-4
2114z
344 T-3
1919z
343 T-2
1725z
342 T-1
1530z
341 T-13
1335z
340 T-12
1141z
339 T-11
0946z
338 T-10
0751z
ESSA 3
DATE OCT 29, 1966
PASS 334 346

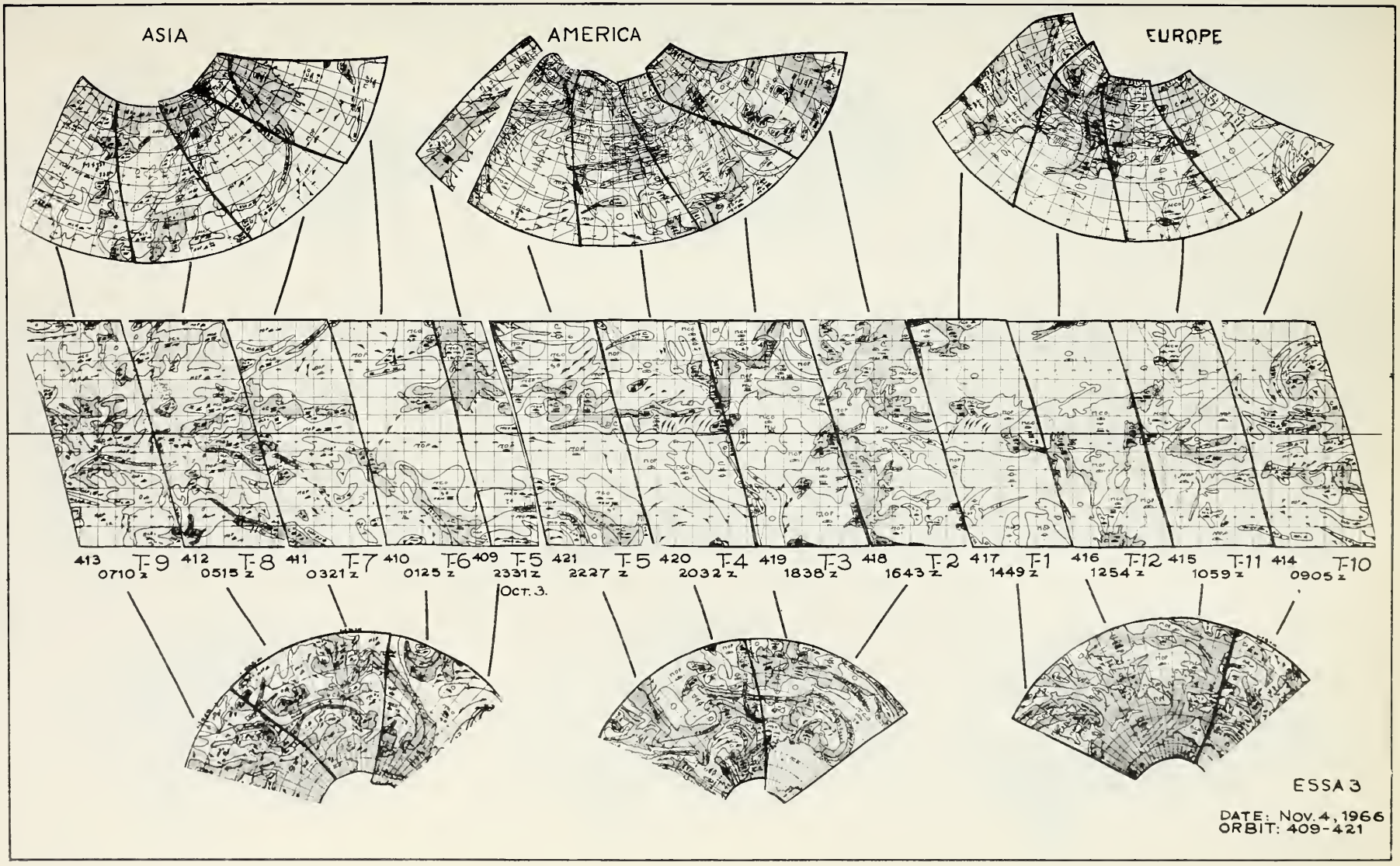

ASIA
AMERICA
EUROPE
350 T-9 0647z
349 T-8 0453z
348 T-7 0258z
347 T-6 0103z
359 T-6A 2359z
358 T-5 2204z
357 T-4 2010z
356 T-3 1815z
355 T-2 1620z
354 T-1 1426z
353 T-12 1236z
352 T-11 1036z
351 T-10 0842z
ESSA 3
DATE: Oct. 30, 1966
PASS: 347 - 359

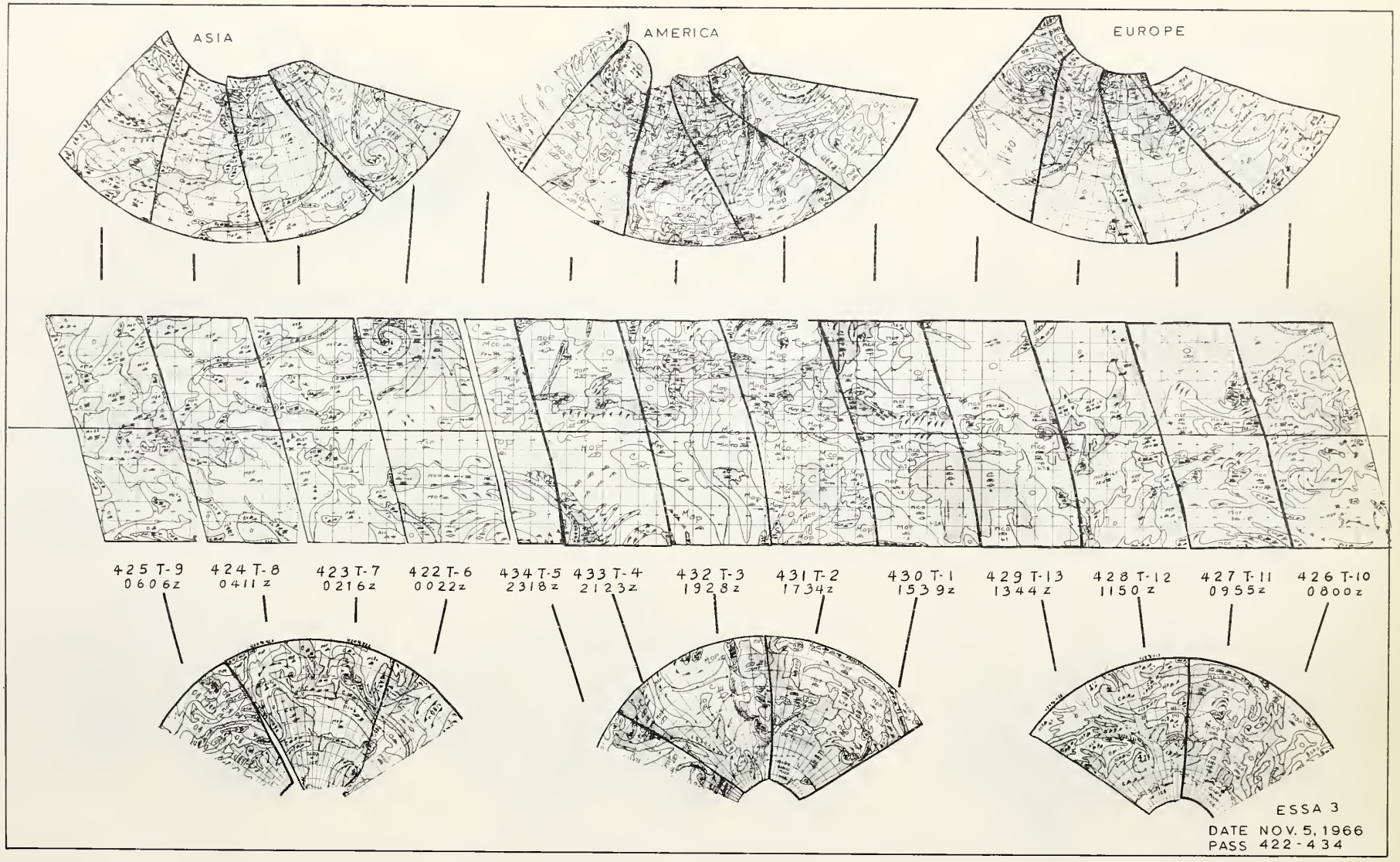

ASIA
AMERICA
EUROPE
363 T-10
0738z
362 T-9
0543z
361 T-8
0348z
360 T-7
0154z
359 T-6
2359z
OCT. 30
371 T-5
2255z
370 T-4
2100z
369 T-3
1905z
368 T-2
1711z
367 T-1
1516z
366 T-13
1322z
365 T-12
1127z
364 T-11
0932z
ESSA 3
DATE OCT. 31, 1966
PASS 359-371

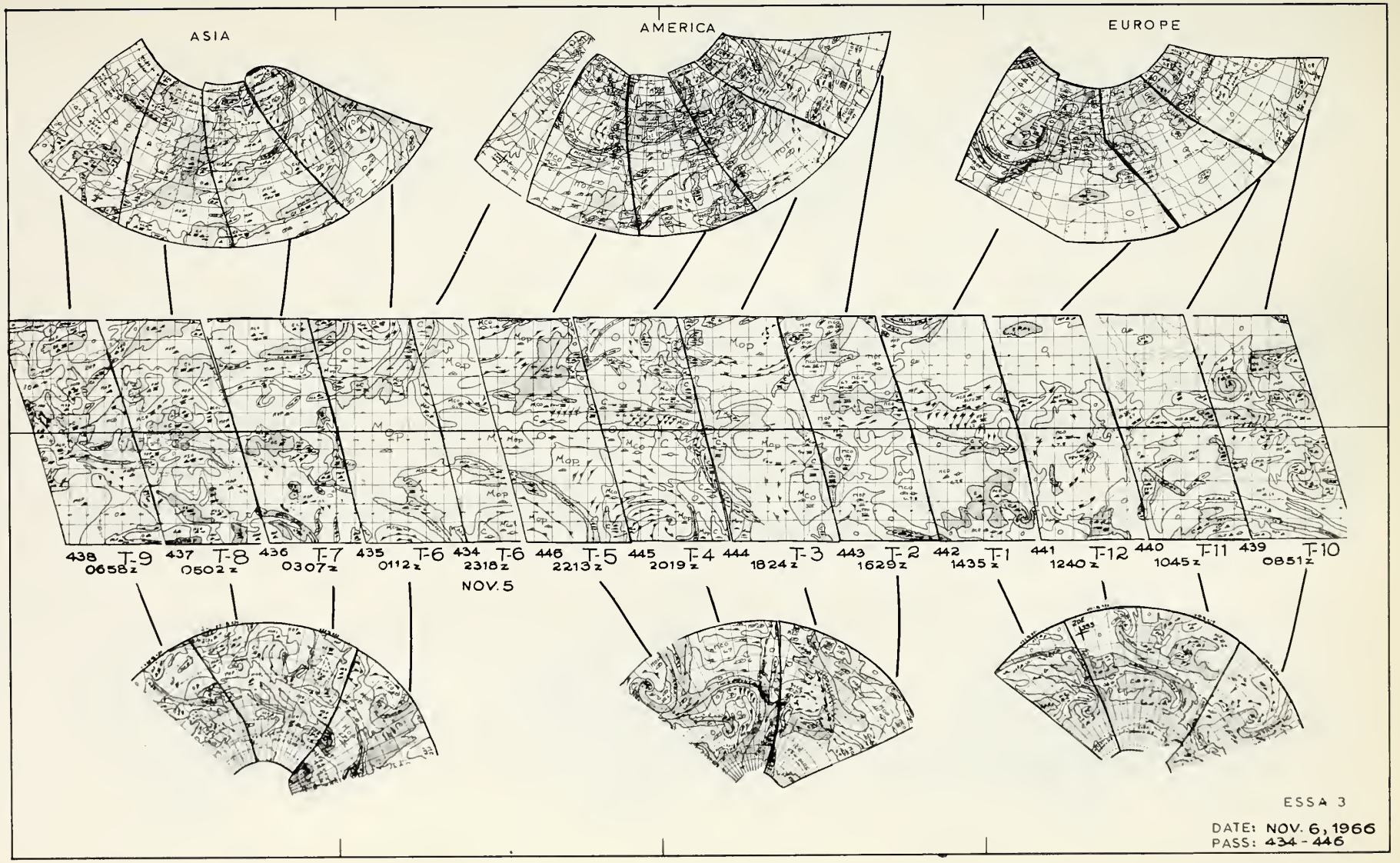

ASIA
AMERICA
EUROPE
375 T-9
0633z
374 T-8
0439z
373 T-7
0244z
372 T-6
0049z
384 T-5
2345z
383 T-4
2151z
382 T-3
1956z
381 T-2
1801z
380 T-1
1607z
379 T-13
1412z
378 T-12
1217z
377 T-11
1023z
376 T-10
0828z
ESSA 3
DATE NOV. 1, 1965
PASS 372-384

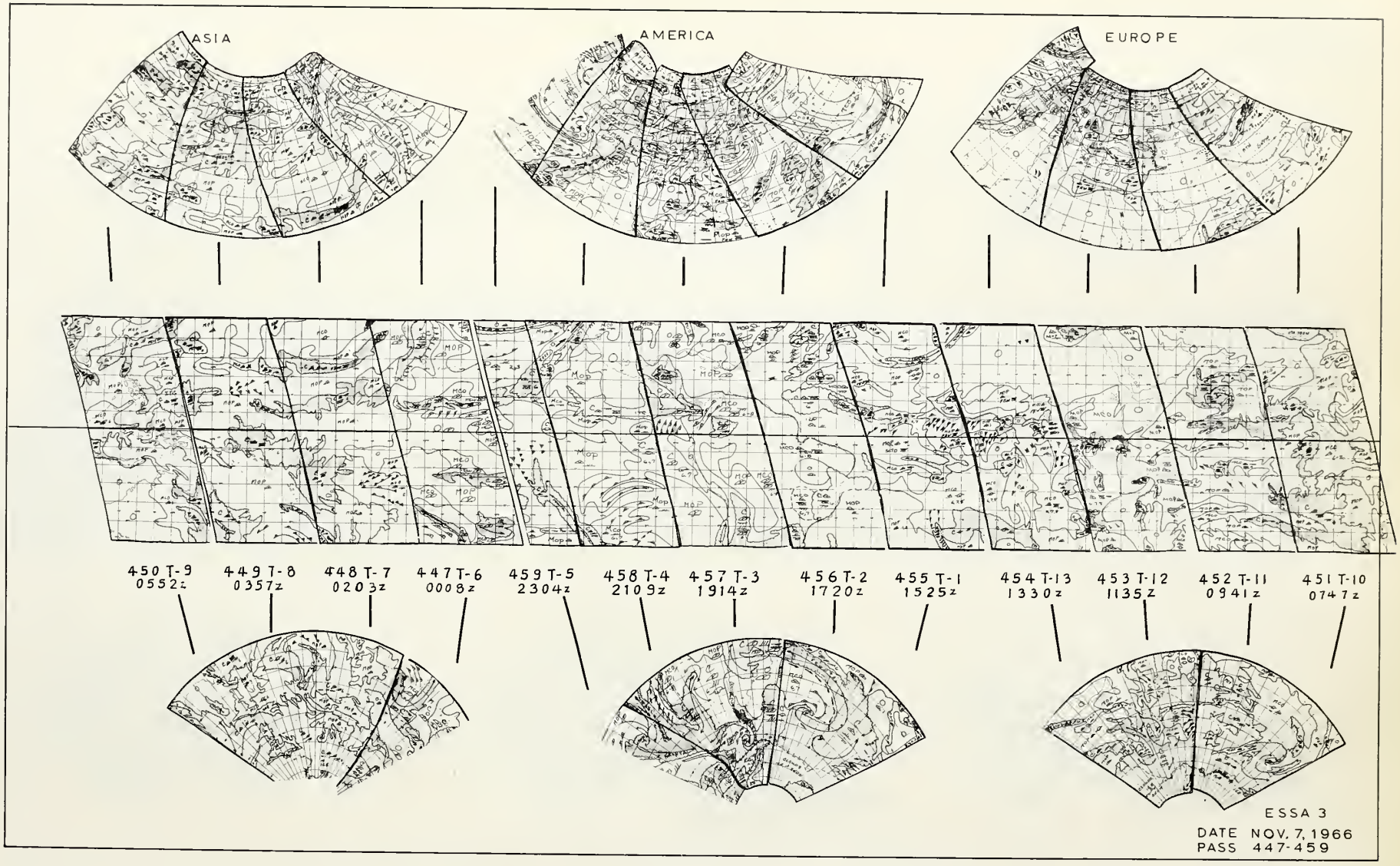

ASIA
AMERICA
EUROPE
NEPH
388 T-9 0724 z
387 T-8 0529 z
385 T-6 0140 z
384 T-5 2345 z
Nov. 1
396 T-5 2241 z
395 T-4 2046 z
394 T-3 1852 z
393 T-2 1657 z
392 T-1 1502 z
391 T-12 1308 z
390 T-11 1113 z
389 T-10 0918 z
ESSA 3
DATE: NOV. 2, 1966
ORBIT: 384-396

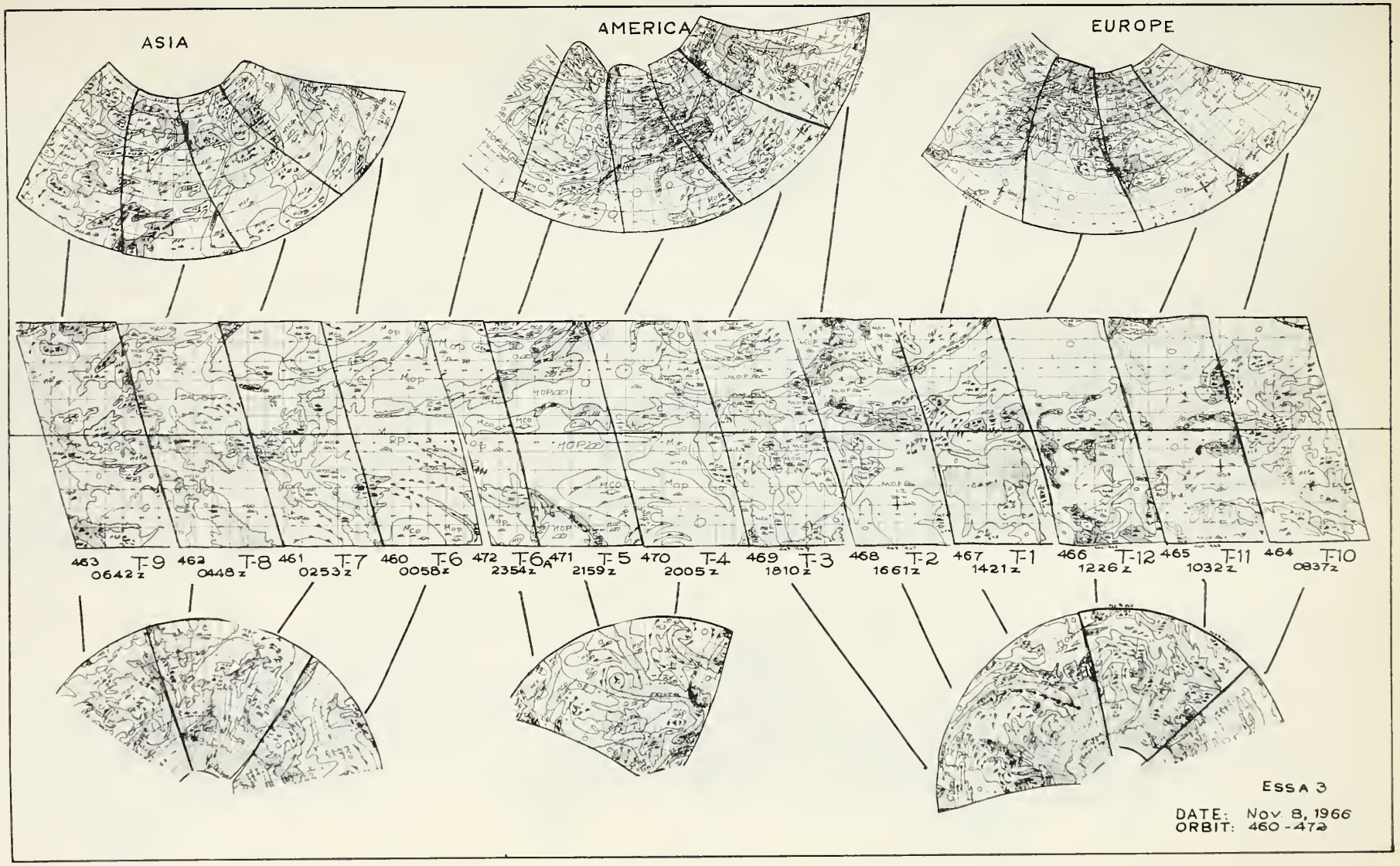

ASIA
AMERICA
EUROPE
400 T-9
0620z
399 T-8
0425z
398 T-7
0230z
397 T-6
0036z
409 T-5
2331z
408 T-4
2137z
407 T-3
1942z
406 T-2
1747z
405 T-1
1553z
404 T-13
1358z
403 T-12
1204z
402 T-11
1009z
401 T-10
0814z
ESSA 3
DATE NOV. 3, 1966
PASS 397-409

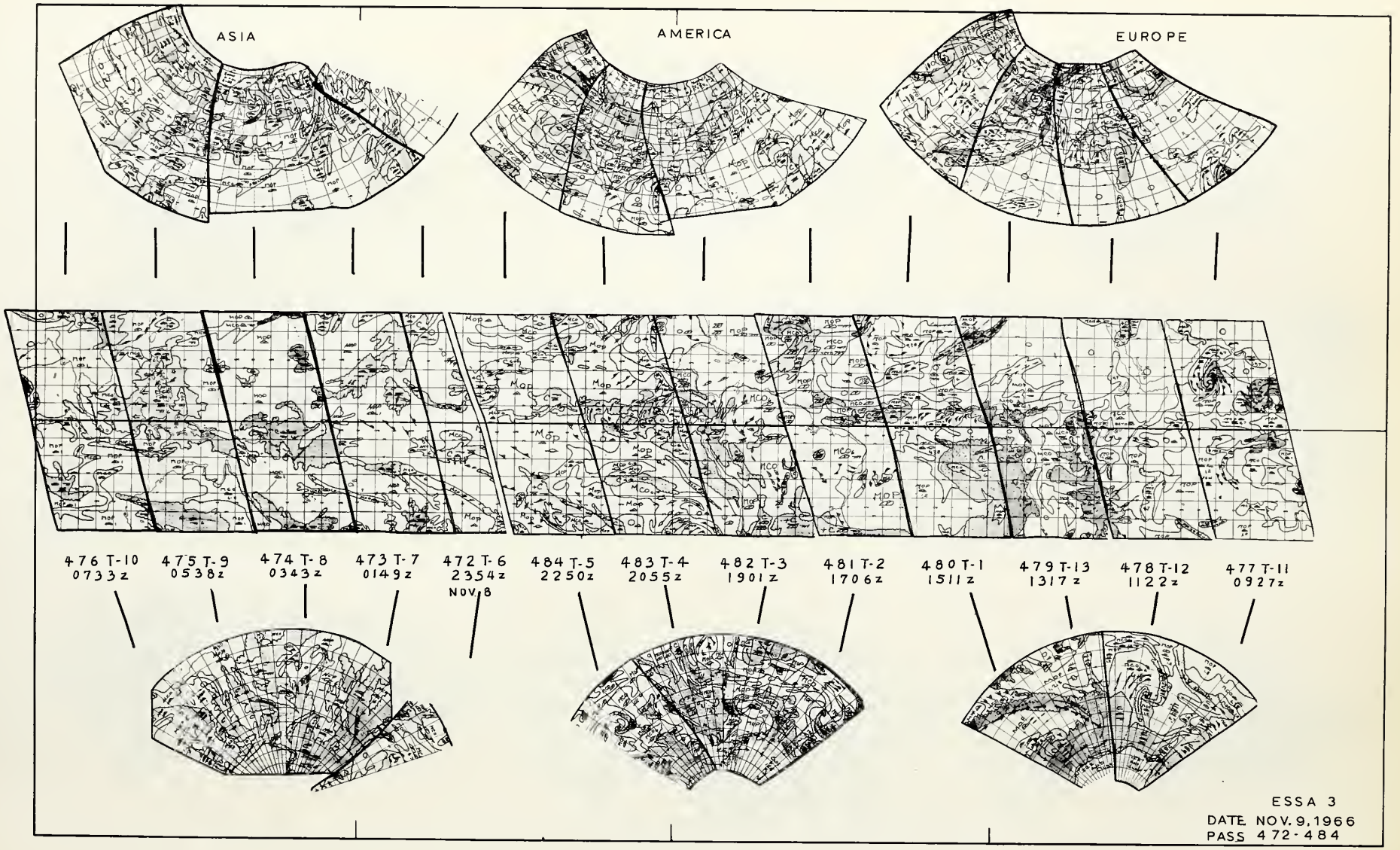

ASIA
AMERICA
EUROPE
413 0710 z T-9
412 0515 z T-8
411 0321 z T-7
410 0125 z T-6
409 2331 z T-5
OCT. 3.
421 2227 z T-5
420 2032 z T-4
419 1838 z T-3
418 1643 z T-2
417 1449 z T-1
416 1254 z T-12
415 1059 z T-11
414 0905 z T-10
ESSA 3
DATE: NOV. 4, 1966
ORBIT: 409-421

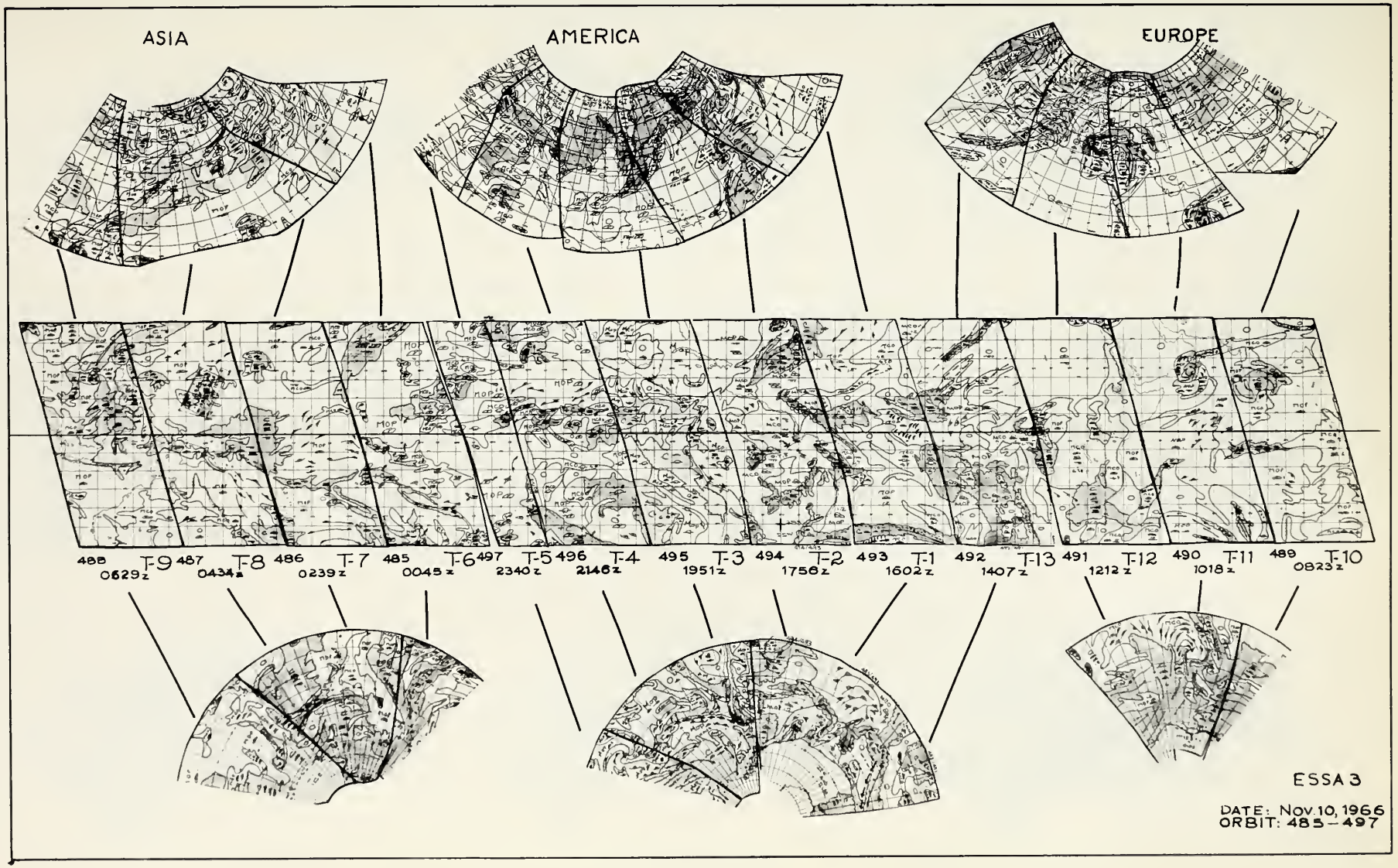

ASIA
AMERICA
EUROPE
425 T-9
0606z
424 T-8
0411z
423 T-7
0216z
422 T-6
0022z
434 T-5
2318z
433 T-4
2123z
432 T-3
1928z
431 T-2
1734z
430 T-1
1539z
429 T-13
1344z
428 T-12
1150z
427 T-11
0955z
426 T-10
0800z
ESSA 3
DATE NOV. 5, 1966
PASS 422-434

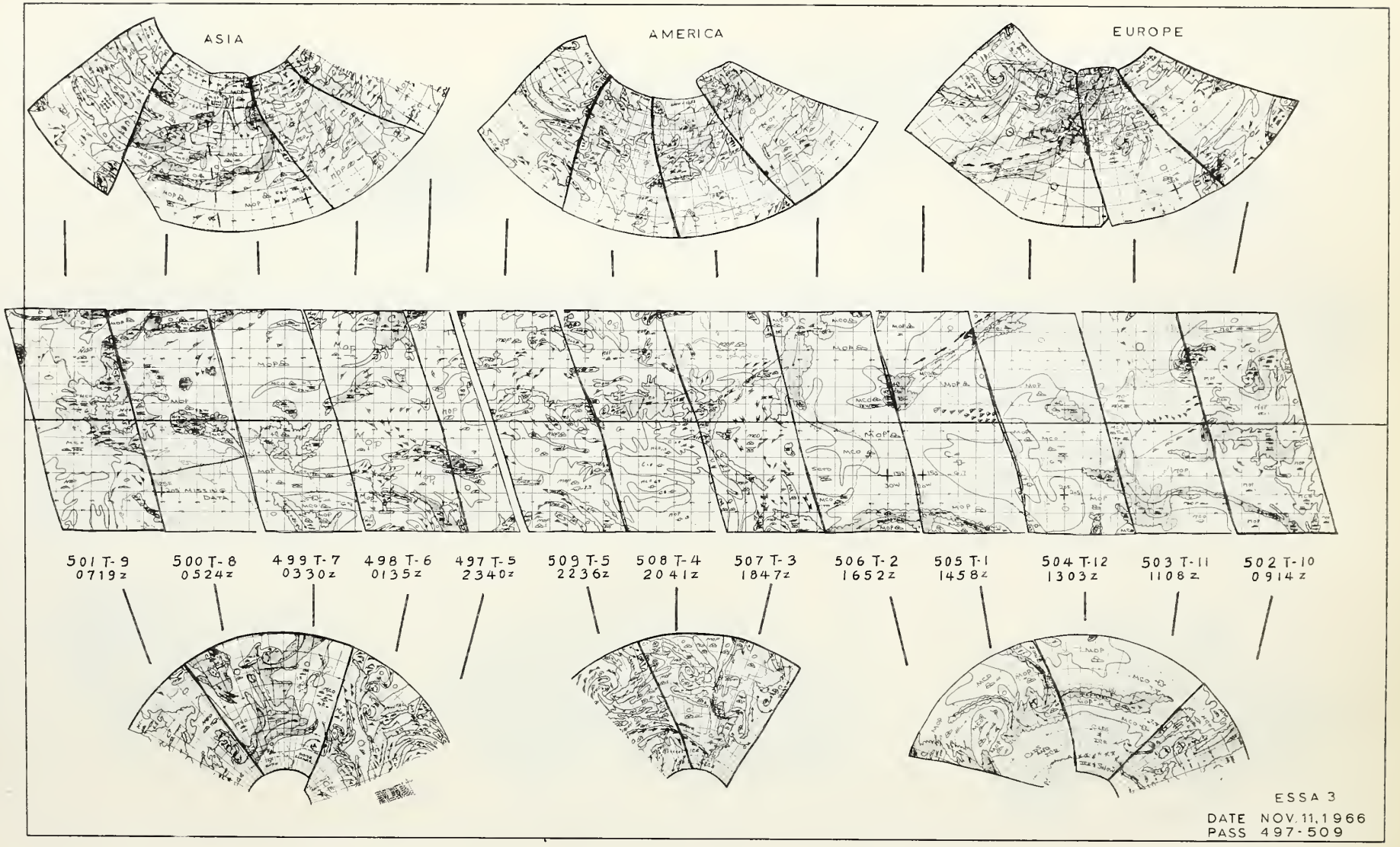

ASIA
AMERICA
EUROPE
438 T-9 0658z
437 T-8 0502z
436 T-7 0307z
435 T-6 0112z
434 T-6 2318z
NOV. 5
446 T-5 2213z
445 T-4 2019z
444 T-3 1824z
443 T-2 1629z
442 T-1 1435z
441 T-12 1240z
440 T-11 1045z
439 T-10 0851z
ESSA 3
DATE: NOV. 6, 1966
PASS: 434 - 446

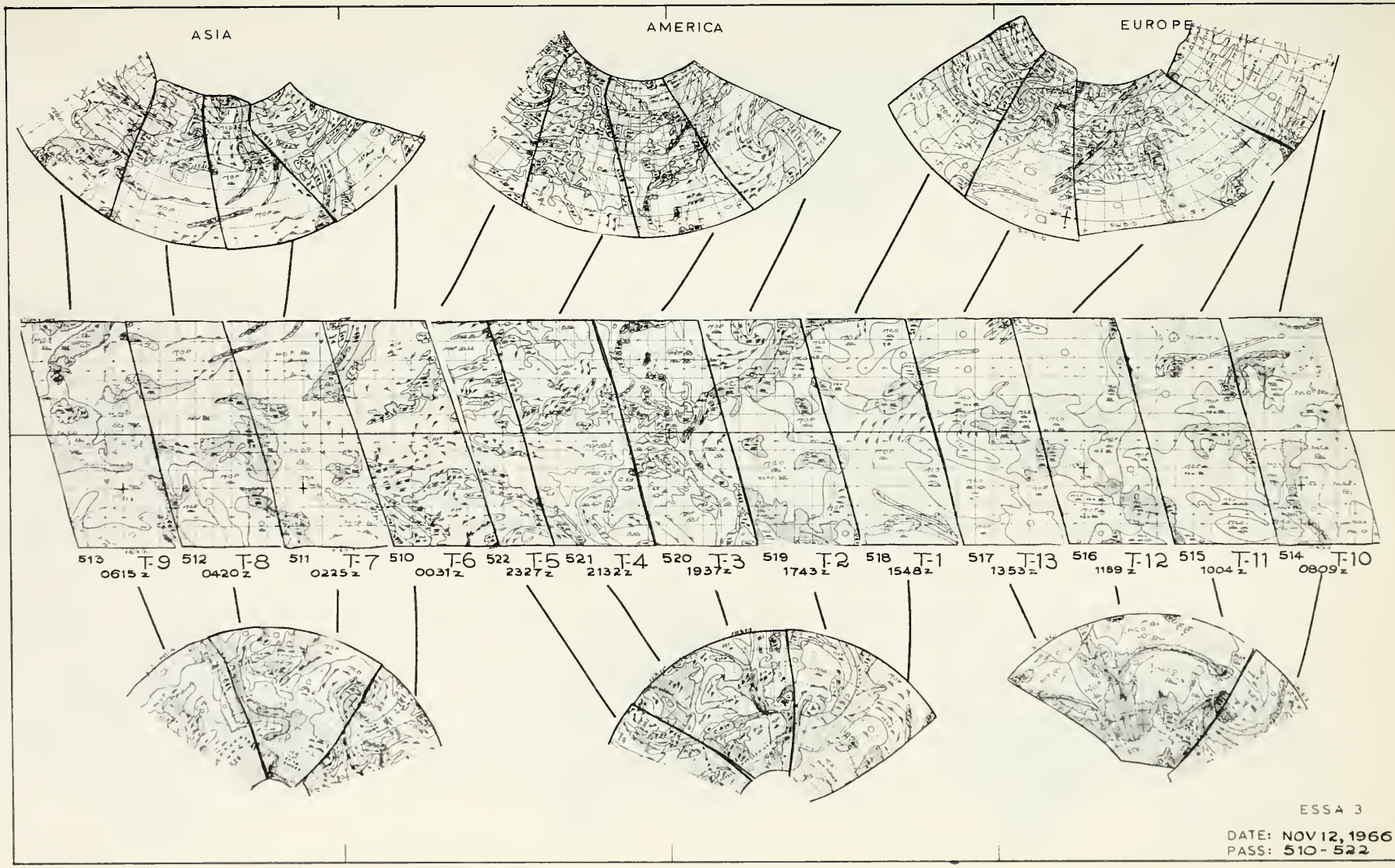

ASIA
AMERICA
EUROPE
450 T-9
0552z
449 T-8
0357z
448 T-7
0203z
447 T-6
0008z
459 T-5
2304z
458 T-4
2109z
457 T-3
1914z
456 T-2
1720z
455 T-1
1525z
454 T-13
1330z
453 T-12
1135z
452 T-11
0941z
451 T-10
0747z
ESSA 3
DATE NOV. 7, 1966
PASS 447-459

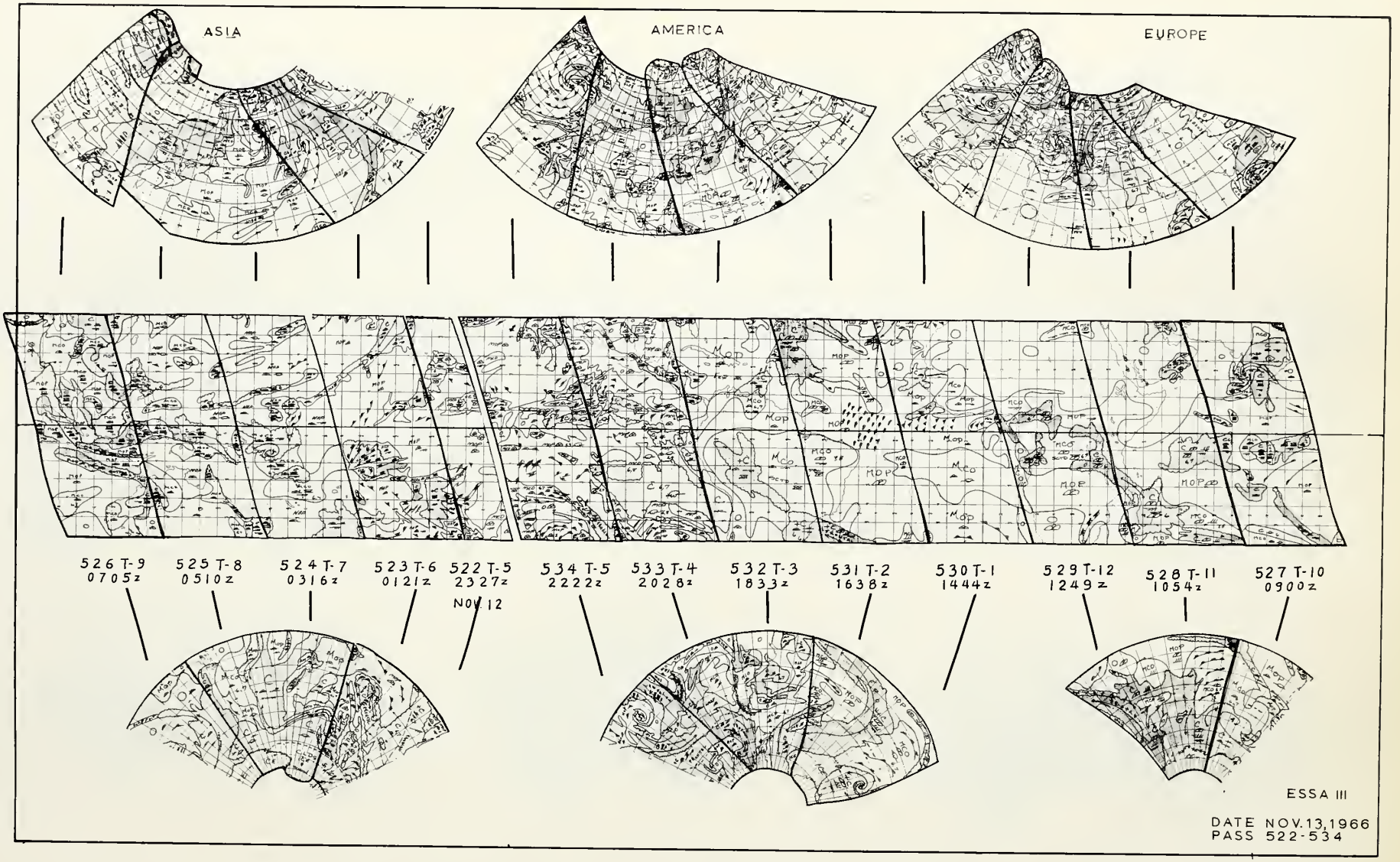

ASIA
AMERICA
EUROPE
463 T-9 0642z
462 0448z T-8
461 0253z T-7
460 0058z T-6
472 2354z T-6A
471 2159z T-5
470 2005z T-4
469 1810z T-3
468 1661z T-2
467 1421z T-1
466 1226z T-12
465 1032z T-11
464 0837z T-10
ESSA 3
DATE: Nov. 8, 1966
ORBIT: 460 - 472

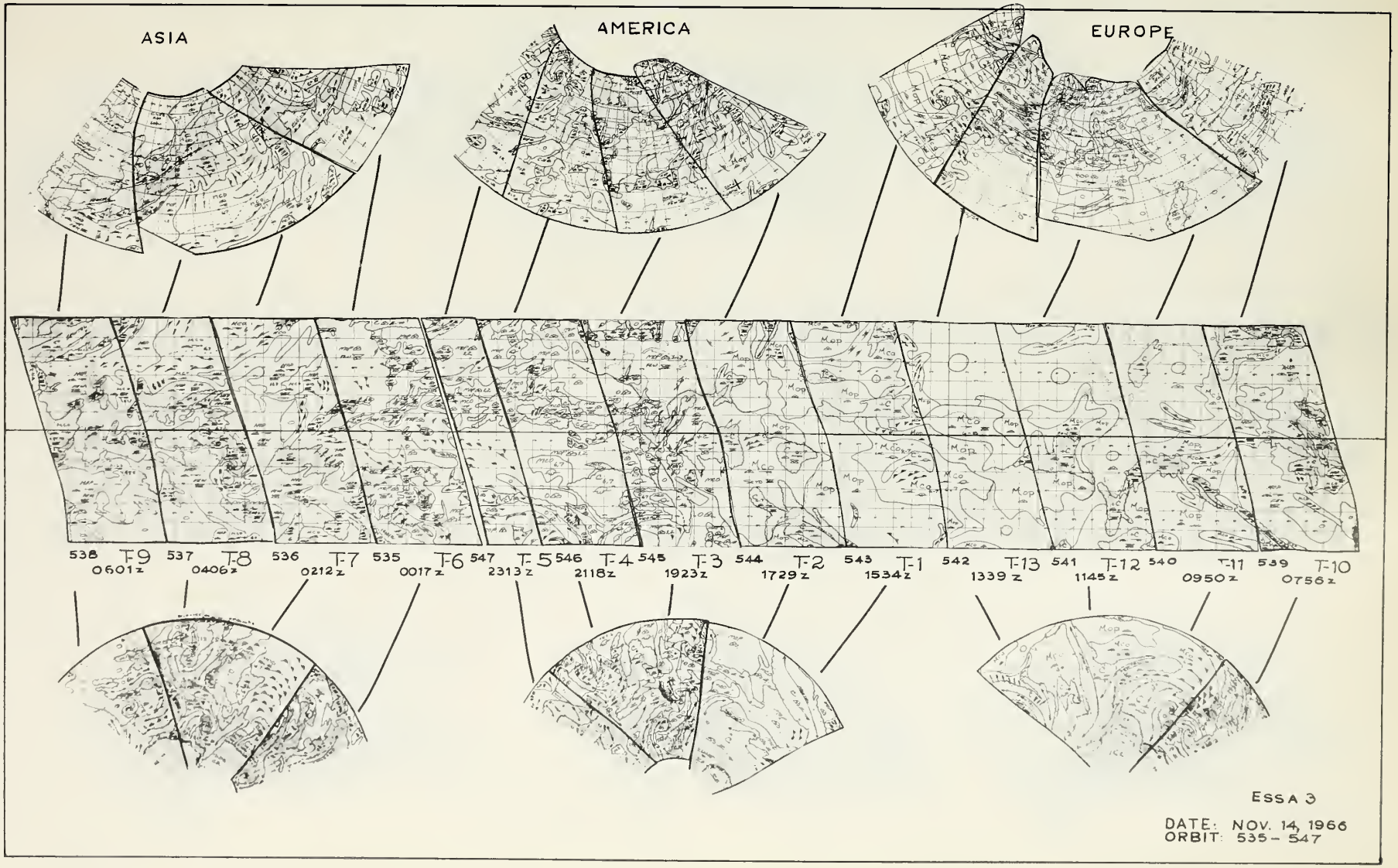

ASIA
AMERICA
EUROPE
476 T-10
0733z
475 T-9
0538z
474 T-8
0343z
473 T-7
0149z
472 T-6
2354z
NOV. 8
484 T-5
2250z
483 T-4
2055z
482 T-3
1901z
481 T-2
1706z
480 T-1
1511z
479 T-13
1317z
478 T-12
1122z
477 T-11
0927z
ESSA 3
DATE NOV. 9, 1966
PASS 472-484

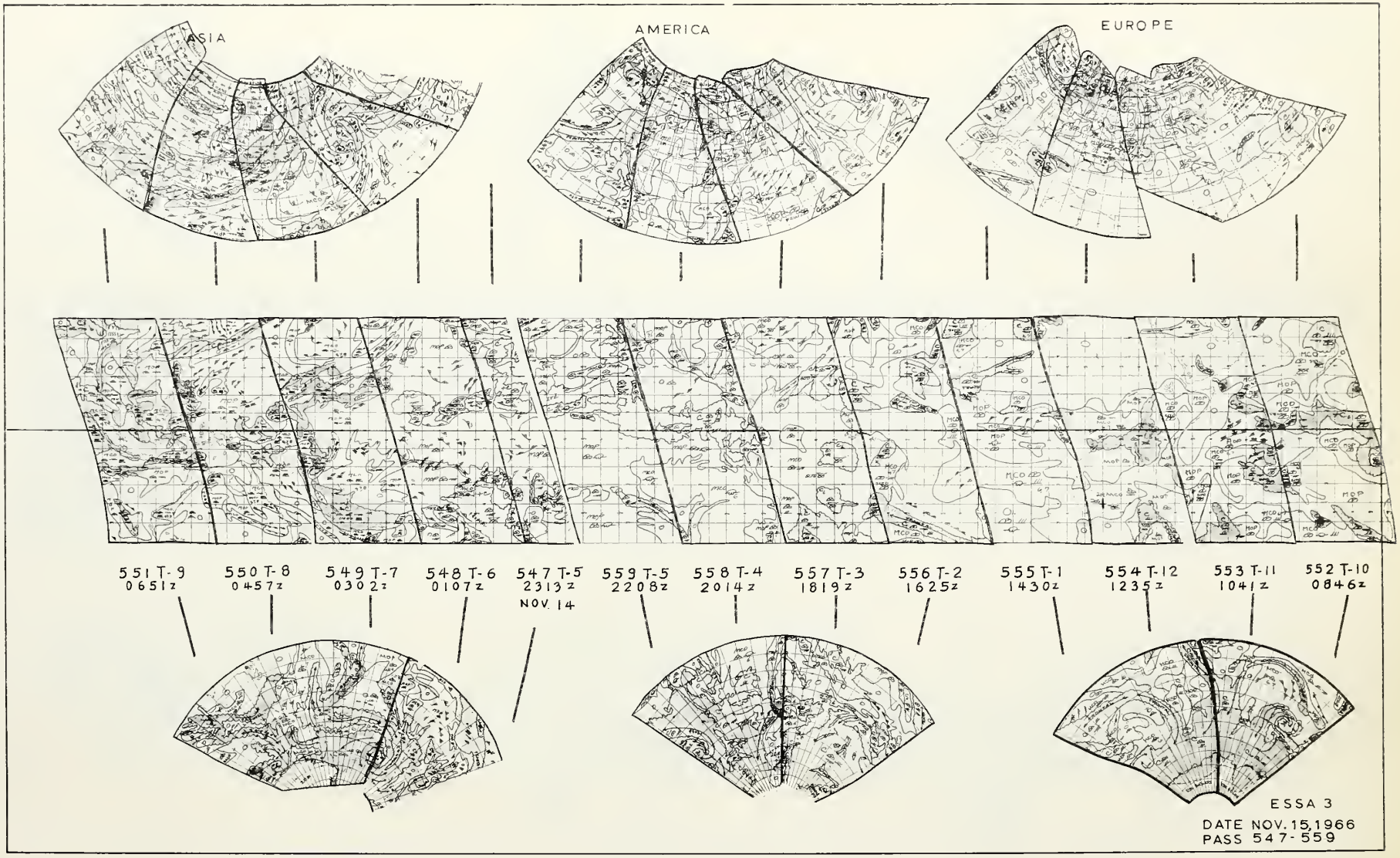

ASIA
AMERICA
EUROPE
488
0629z
T-9
487
0434z
T-8
486
0239z
T-7
485
0045z
T-6
497
2340z
T-5
496
2146z
T-4
495
1951z
T-3
494
1756z
T-2
493
1602z
T-1
492
1407z
T-13
491
1212z
T-12
490
1018z
T-11
489
0823z
T-10
ESSA 3
DATE: Nov. 10, 1966
ORBIT: 485 – 497

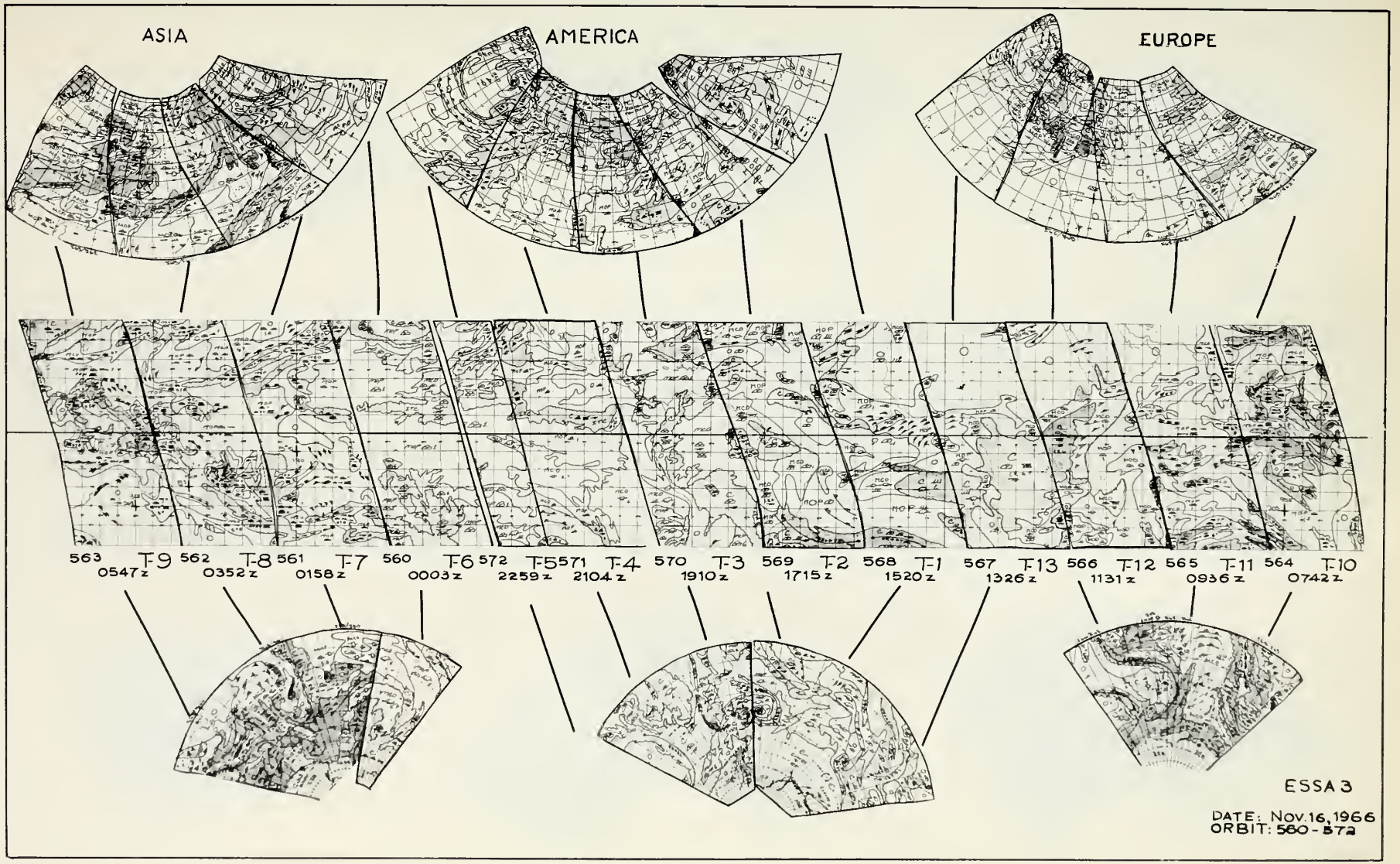

ASIA
AMERICA
EUROPE
501 T-9
0719z
500 T-8
0524z
499 T-7
0330z
498 T-6
0135z
497 T-5
2340z
509 T-5
2236z
508 T-4
2041z
507 T-3
1847z
506 T-2
1652z
505 T-1
1458z
504 T-12
1303z
503 T-11
1108z
502 T-10
0914z
ESSA 3
DATE NOV. 11, 1966
PASS 497-509

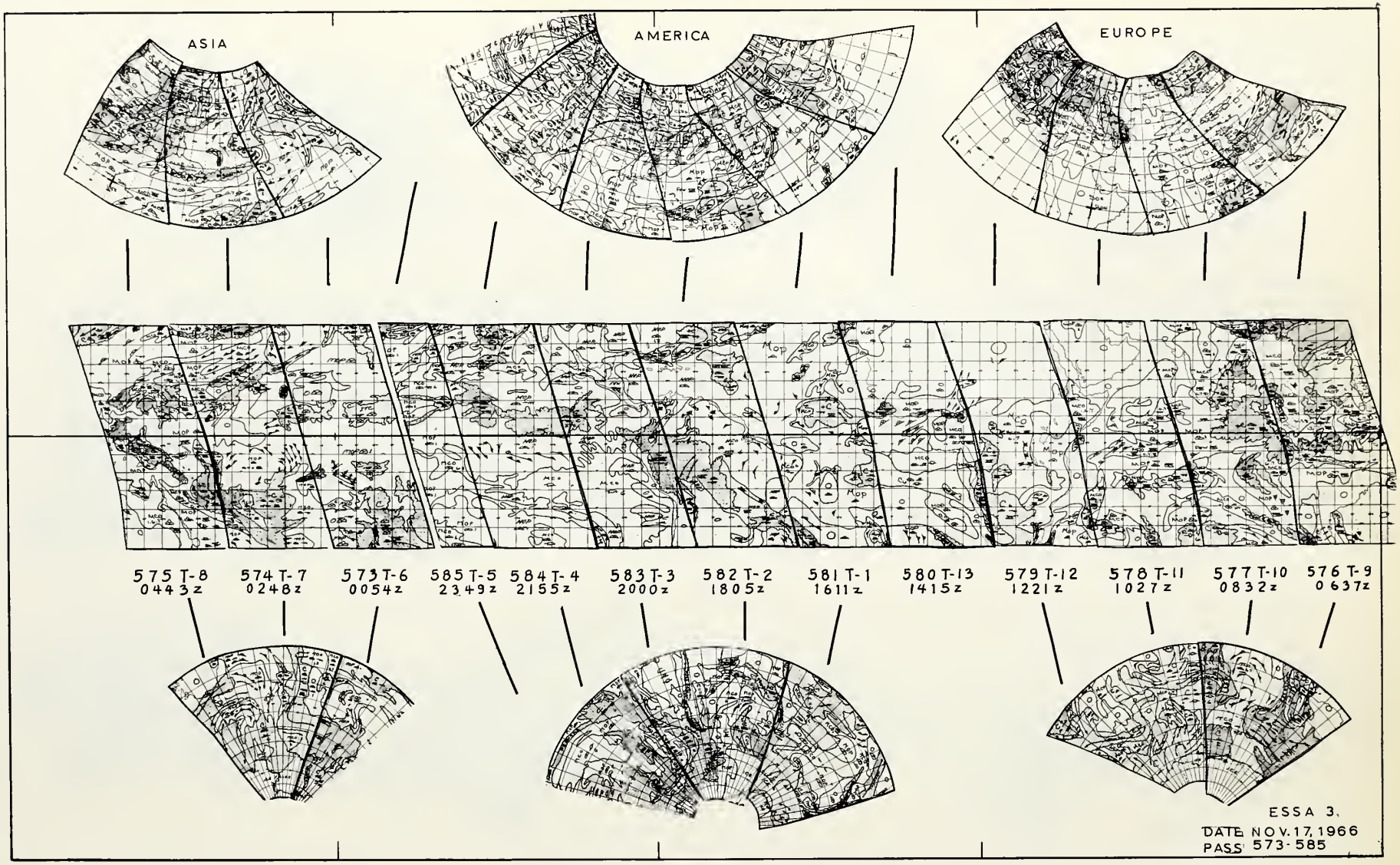

ASIA
AMERICA
EUROPE
513 T-9 0615 Z
512 T-8 0420 Z
511 T-7 0225 Z
510 T-6 0031 Z
522 T-5 2327 Z
521 T-4 2132 Z
520 T-3 1937 Z
519 T-2 1743 Z
518 T-1 1548 Z
517 T-13 1353 Z
516 T-12 1159 Z
515 T-11 1004 Z
514 T-10 0809 Z
ESSA 3
DATE: NOV 12, 1966
PASS: 510-522

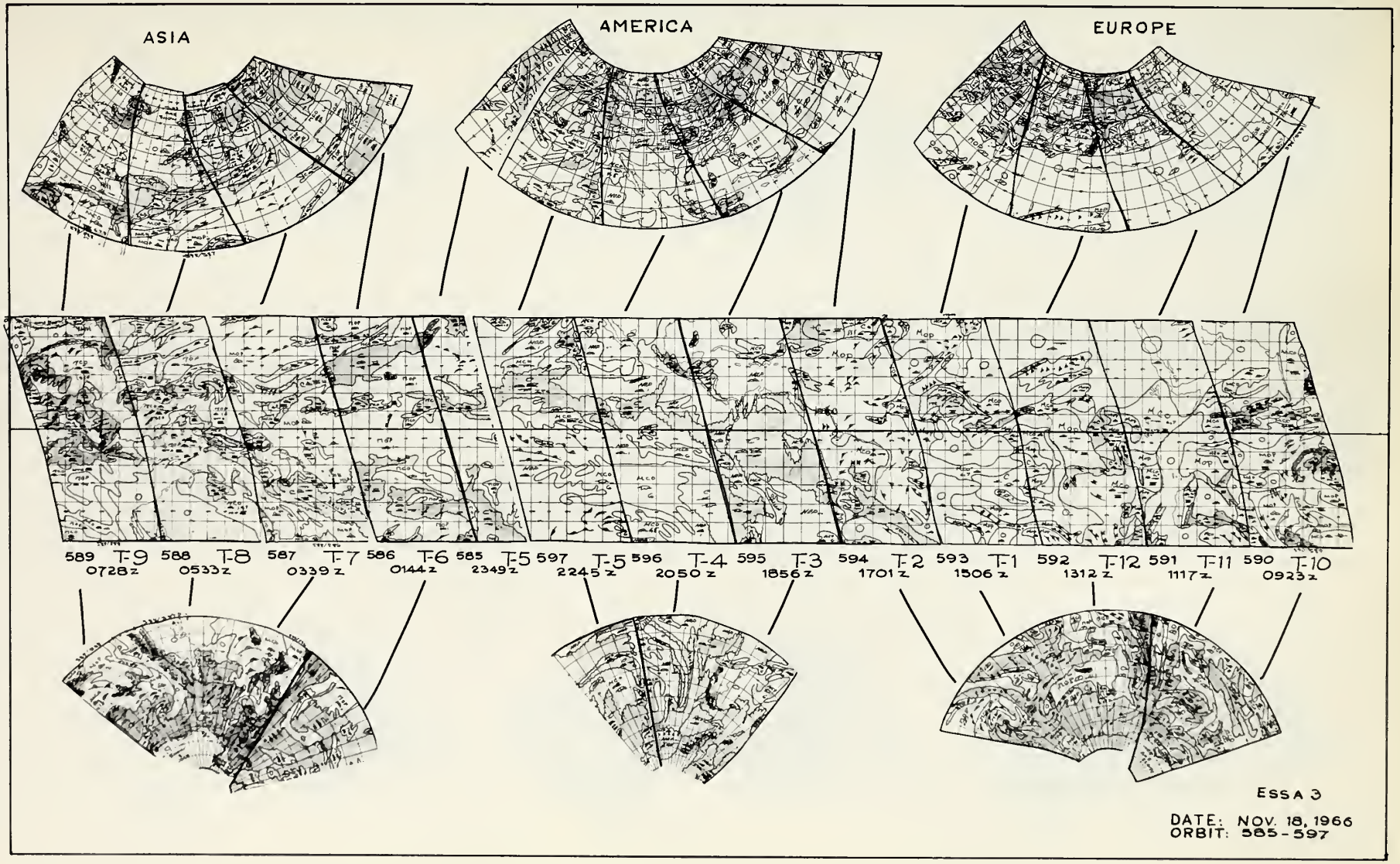

ASIA
AMERICA
EUROPE
526 T-9
0705z
525 T-8
0510z
524 T-7
0316z
523 T-6
0121z
522 T-5
2327z
NOV 12
534 T-5
2222z
533 T-4
2028z
532 T-3
1833z
531 T-2
1638z
530 T-1
1444z
529 T-12
1249z
528 T-11
1054z
527 T-10
0900z
ESSA III
DATE NOV. 13, 1966
PASS 522-534

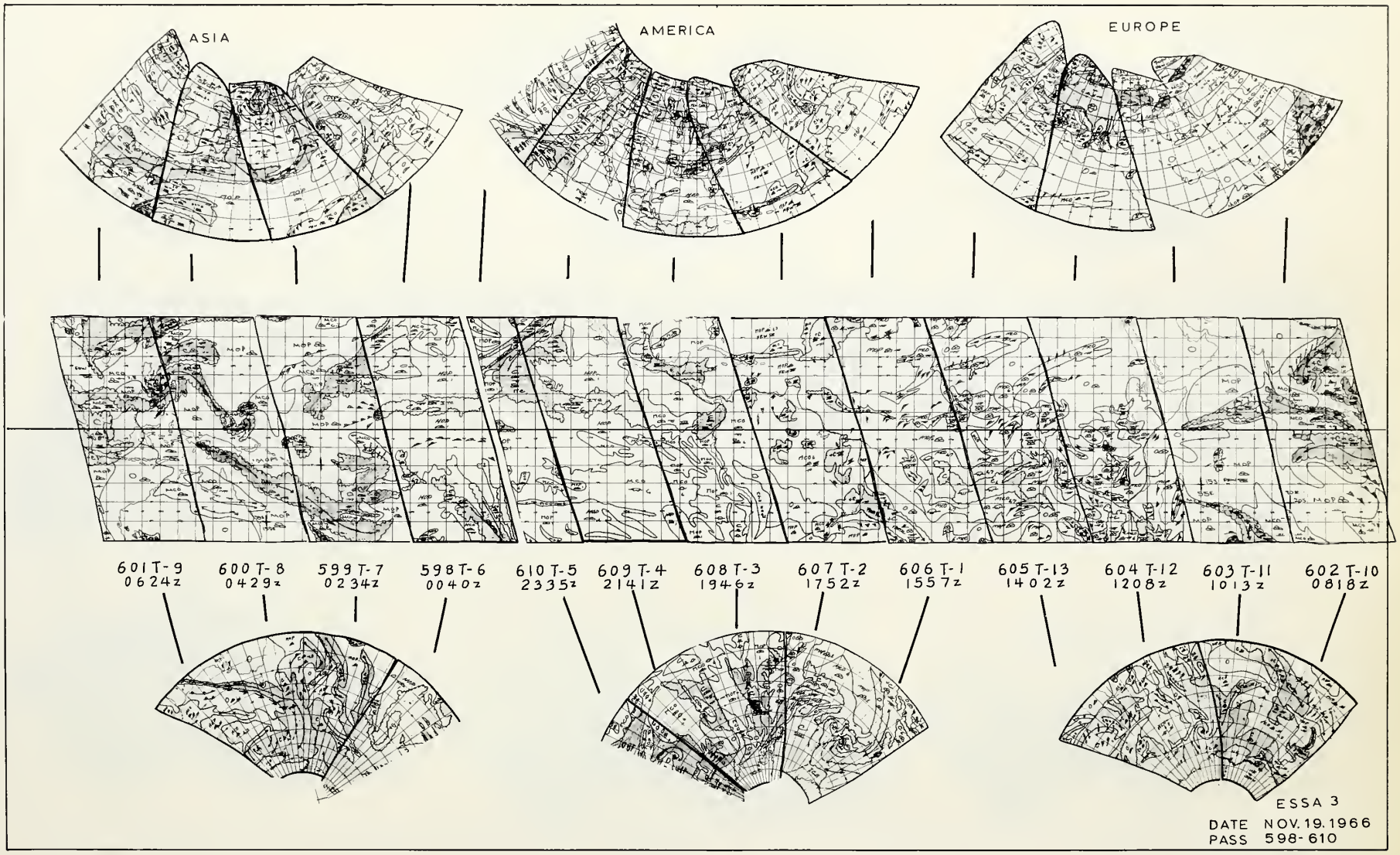

ASIA
AMERICA
EUROPE
538 T-9 0601z
537 T-8 0406z
536 T-7 0212z
535 T-6 0017z
547 T-5 2313z
546 T-4 2118z
545 T-3 1923z
544 T-2 1729z
543 T-1 1534z
542 T-13 1339z
541 T-12 1145z
540 T-11 0950z
539 T-10 0756z
ESSA 3
DATE: NOV. 14, 1966
ORBIT: 535 – 547

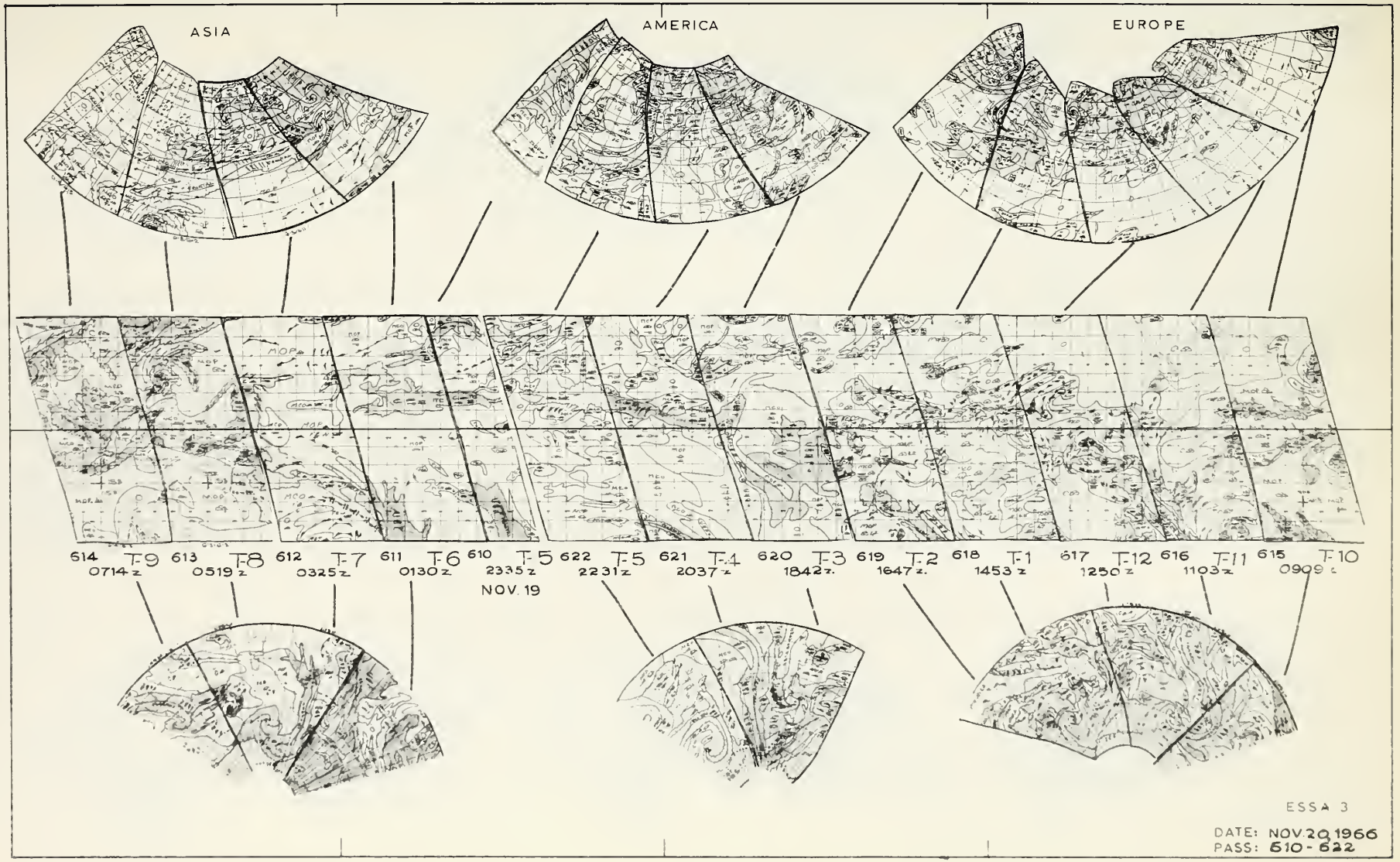

ASIA
AMERICA
EUROPE
551 T-9
0651z
550 T-8
0457z
549 T-7
0302z
548 T-6
0107z
547 T-5
2313z
NOV. 14
559 T-5
2208z
558 T-4
2014z
557 T-3
1819z
556 T-2
1625z
555 T-1
1430z
554 T-12
1235z
553 T-11
1041z
552 T-10
0846z
ESSA 3
DATE NOV. 15, 1966
PASS 547-559

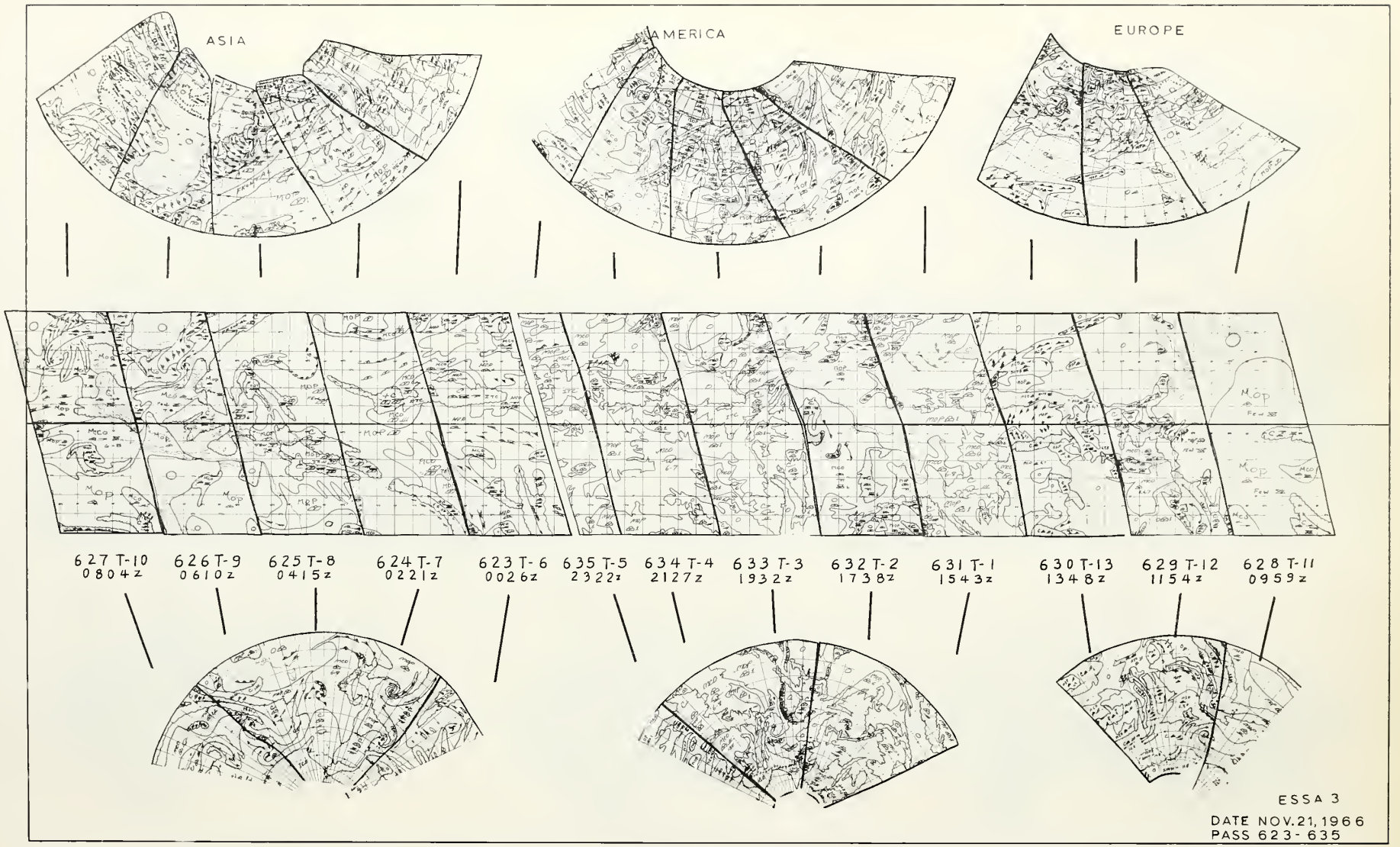

ASIA
AMERICA
EUROPE
563 T-9 0547z
562 T-8 0352z
561 T-7 0158z
560 T-6 0003z
572 T-5 2259z
571 T-4 2104z
570 T-3 1910z
569 T-2 1715z
568 T-1 1520z
567 T-13 1326z
566 T-12 1131z
565 T-11 0936z
564 T-10 0742z
ESSA 3
DATE: Nov. 16, 1966
ORBIT: 560-572

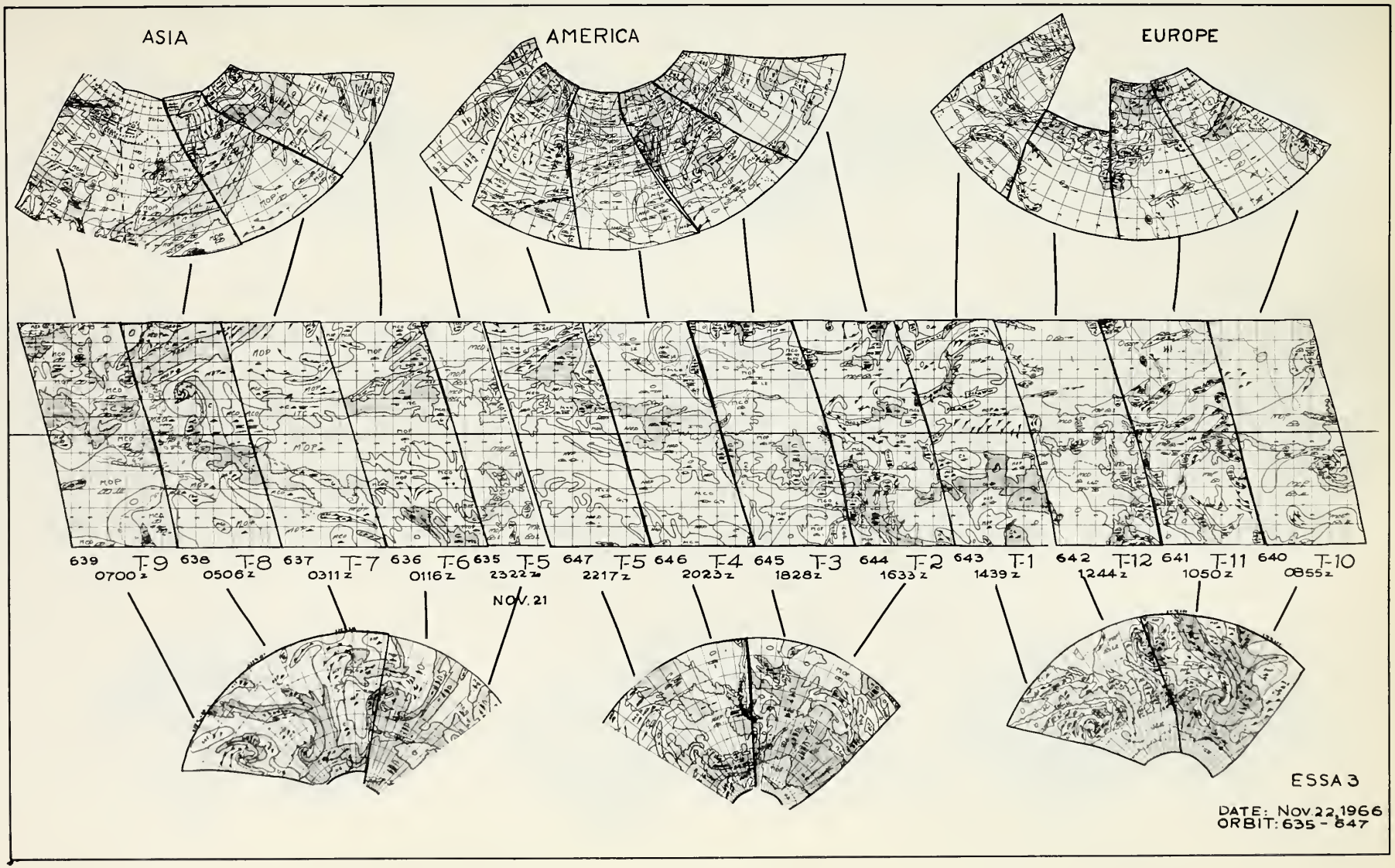

ASIA
AMERICA
EUROPE
575 T-8
0443z
574 T-7
0248z
573 T-6
0054z
585 T-5
2349z
584 T-4
2155z
583 T-3
2000z
582 T-2
1805z
581 T-1
1611z
580 T-13
1415z
579 T-12
1221z
578 T-11
1027z
577 T-10
0832z
576 T-9
0637z
ESSA 3.
DATE NOV. 17, 1966
PASS 573-585

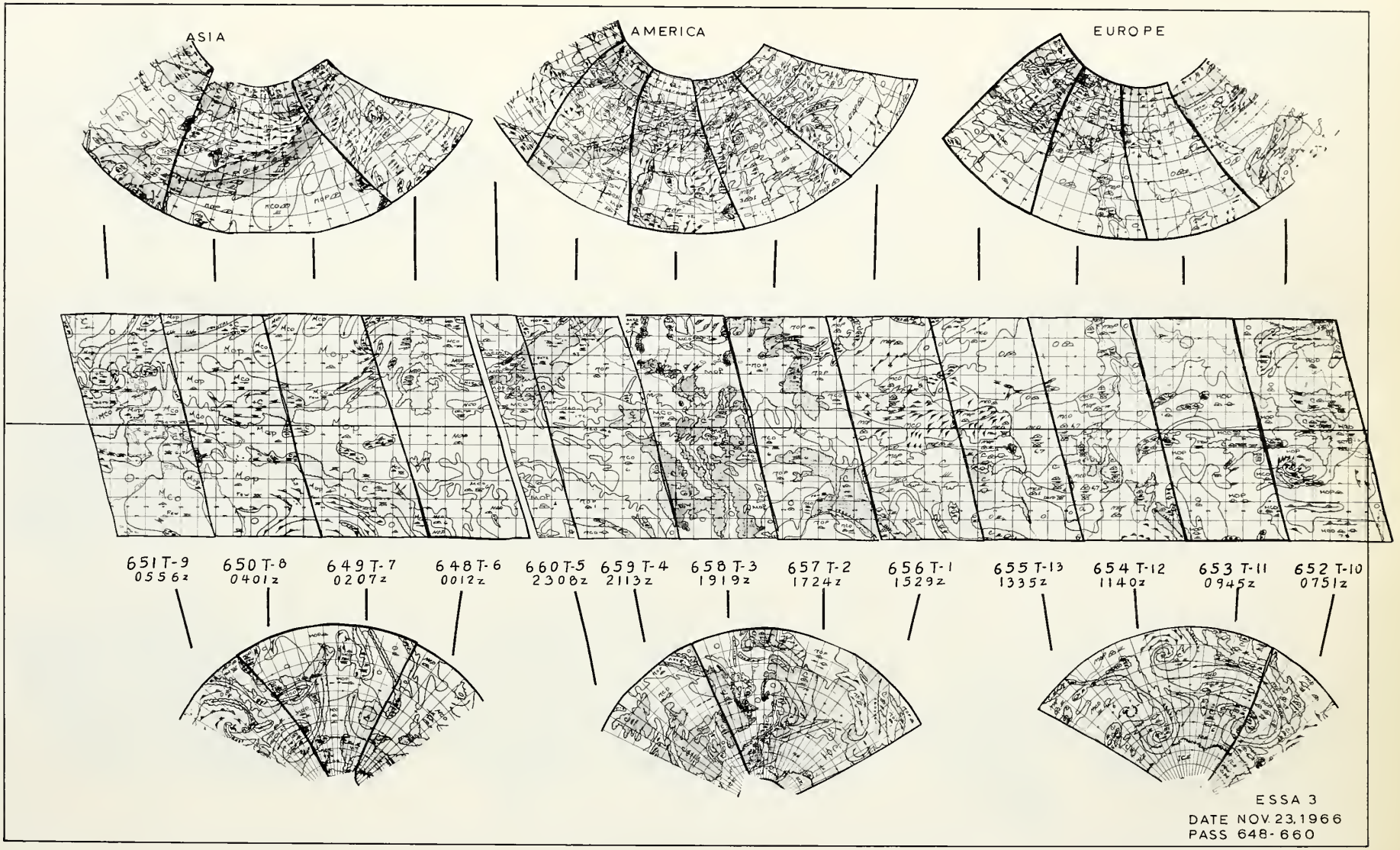

ASIA
AMERICA
EUROPE
589 T-9 0728z
588 T-8 0533z
587 T-7 0339z
586 T-6 0144z
585 T-5 2349z
597 T-5 2245z
596 T-4 2050z
595 T-3 1856z
594 T-2 1701z
593 T-1 1506z
592 T-12 1312z
591 T-11 1117z
590 T-10 0923z
ESSA 3
DATE: NOV. 18, 1966
ORBIT: 585-597

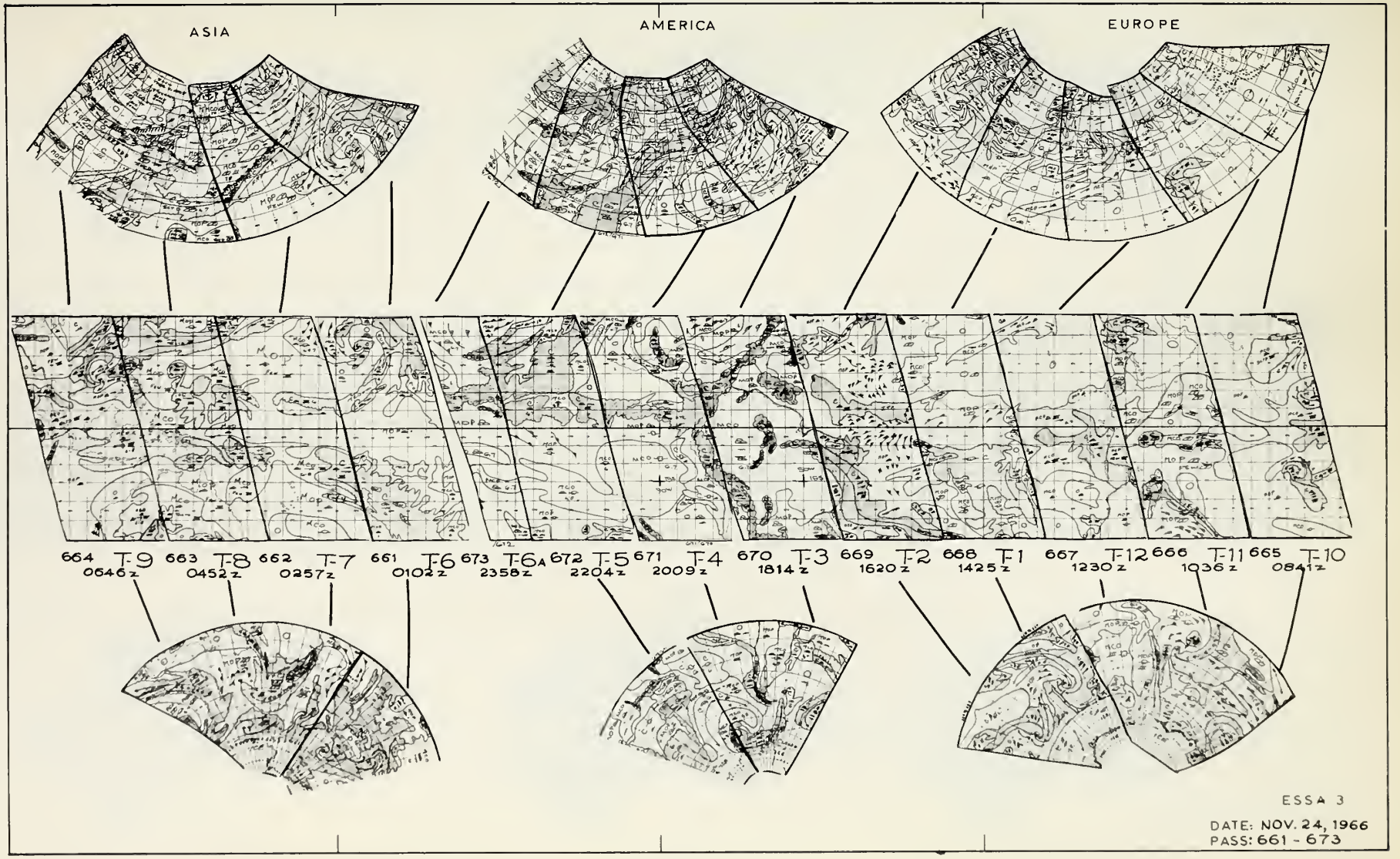

ASIA
AMERICA
EUROPE
601 T-9
0624z
600 T-8
0429z
599 T-7
0234z
598 T-6
0040z
610 T-5
2335z
609 T-4
2141z
608 T-3
1946z
607 T-2
1752z
606 T-1
1557z
605 T-13
1402z
604 T-12
1208z
603 T-11
1013z
602 T-10
0818z
ESSA 3
DATE NOV. 19. 1966
PASS 598-610

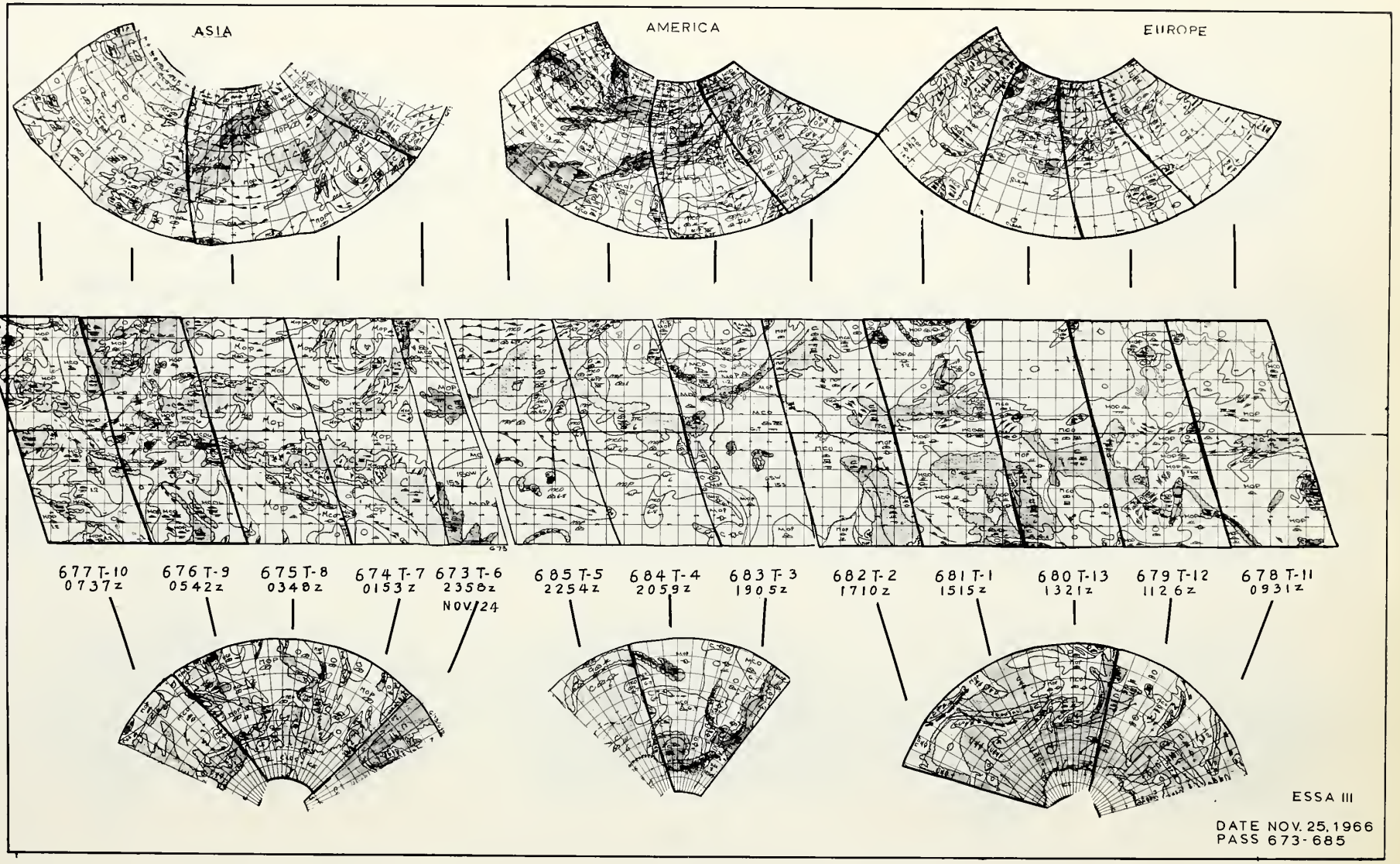

ASIA
AMERICA
EUROPE
614 T-9 0714 z
613 T-8 0519 z
612 T-7 0325 z
611 T-6 0130 z
610 T-5 2335 z
NOV. 19
622 T-5 2231 z
621 T-4 2037 z
620 T-3 1842 z.
619 T-2 1647 z.
618 T-1 1453 z
617 T-12 1250 z
616 T-11 1103 z
615 T-10 0909 z
ESSA 3
DATE: NOV 20 1966
PASS: 610 - 622

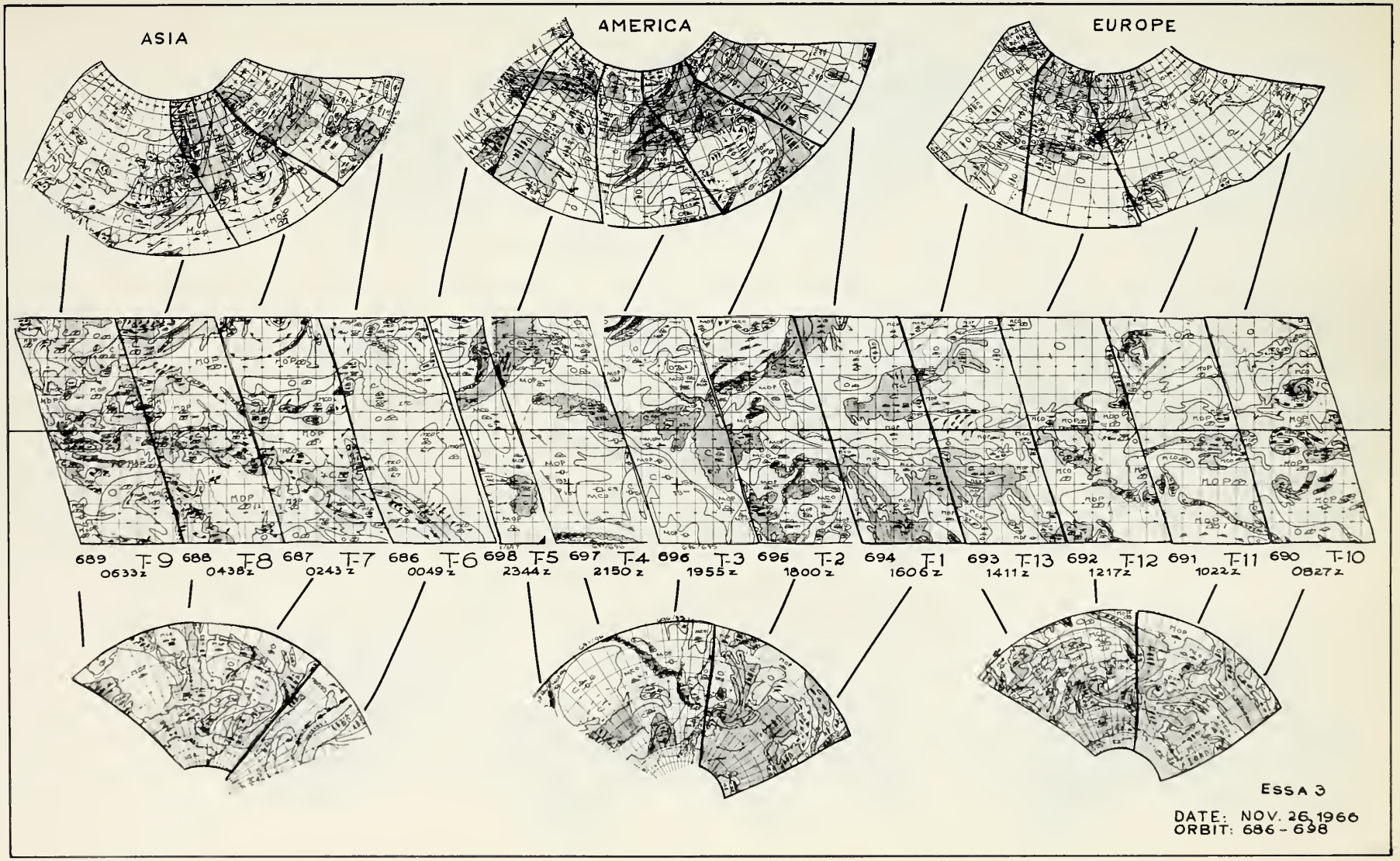

ASIA
AMERICA
EUROPE
627 T-10
0804z
626 T-9
0610z
625 T-8
0415z
624 T-7
0221z
623 T-6
0026z
635 T-5
2322z
634 T-4
2127z
633 T-3
1932z
632 T-2
1738z
631 T-1
1543z
630 T-13
1348z
629 T-12
1154z
628 T-11
0959z
ESSA 3
DATE NOV. 21, 1966
PASS 623-635

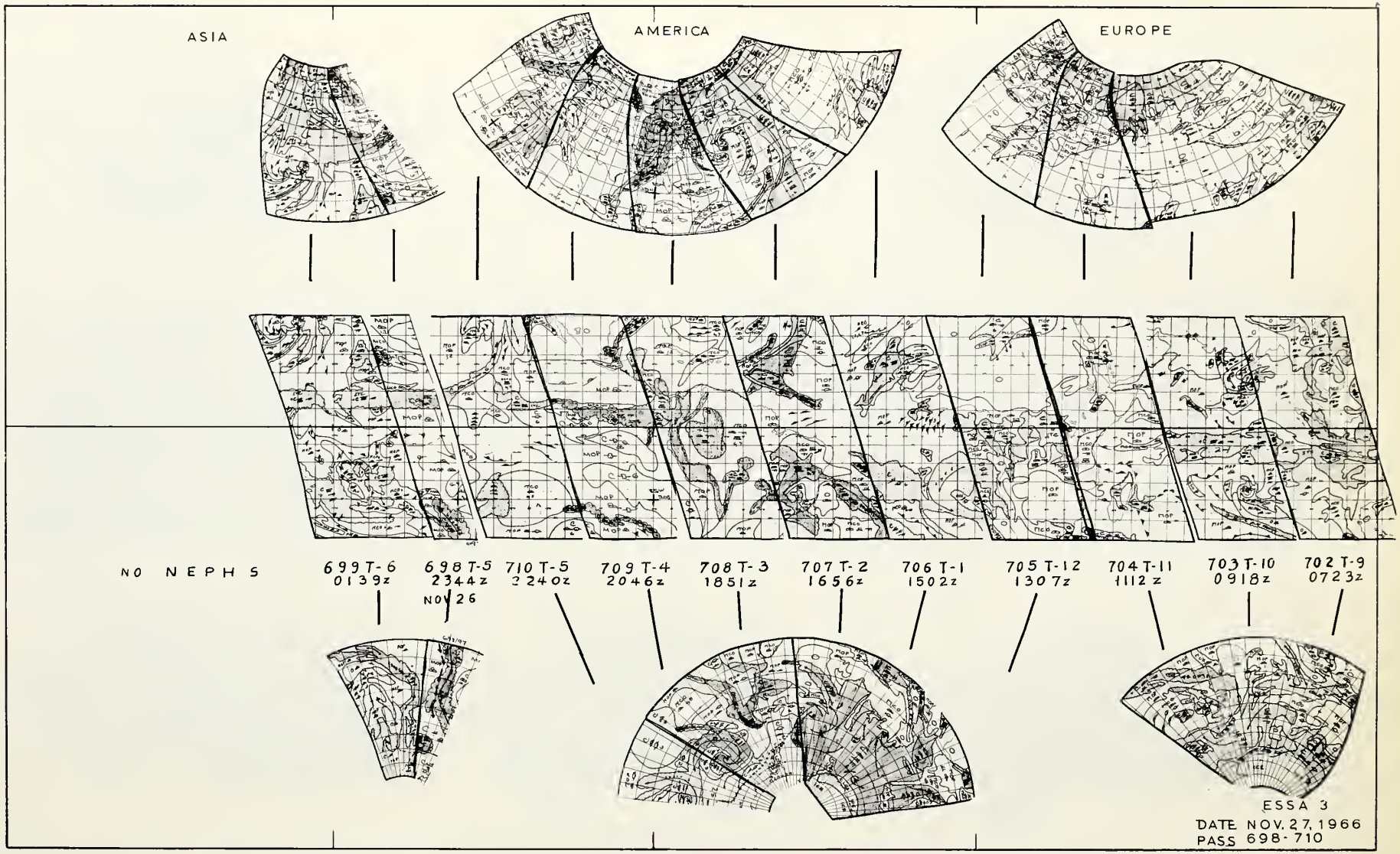

ASIA
AMERICA
EUROPE
639 T-9 0700z
638 T-8 0506z
637 T-7 0311z
636 T-6 0116z
635 T-5 2322z
NOV. 21
647 T-5 2217z
646 T-4 2023z
645 T-3 1828z
644 T-2 1633z
643 T-1 1439z
642 T-12 1244z
641 T-11 1050z
640 T-10 0855z
ESSA 3
DATE: Nov 22, 1966
ORBIT: 635 - 647

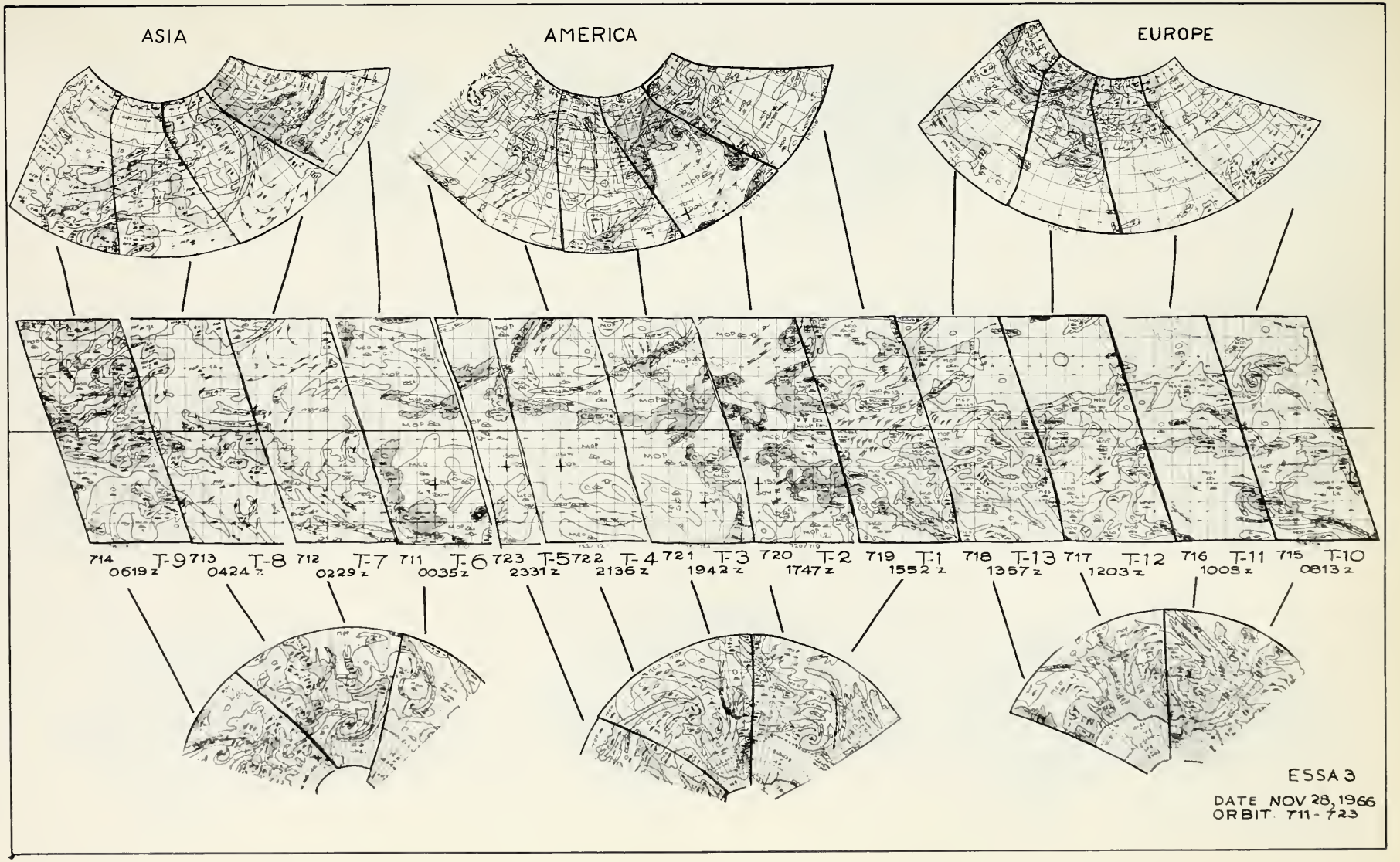

ASIA
AMERICA
EUROPE
651 T-9
0556z
650 T-8
0401z
649 T-7
0207z
648 T-6
0012z
660 T-5
2308z
659 T-4
2113z
658 T-3
1919z
657 T-2
1724z
656 T-1
1529z
655 T-13
1335z
654 T-12
1140z
653 T-11
0945z
652 T-10
0751z
ESSA 3
DATE NOV. 23, 1966
PASS 648-660

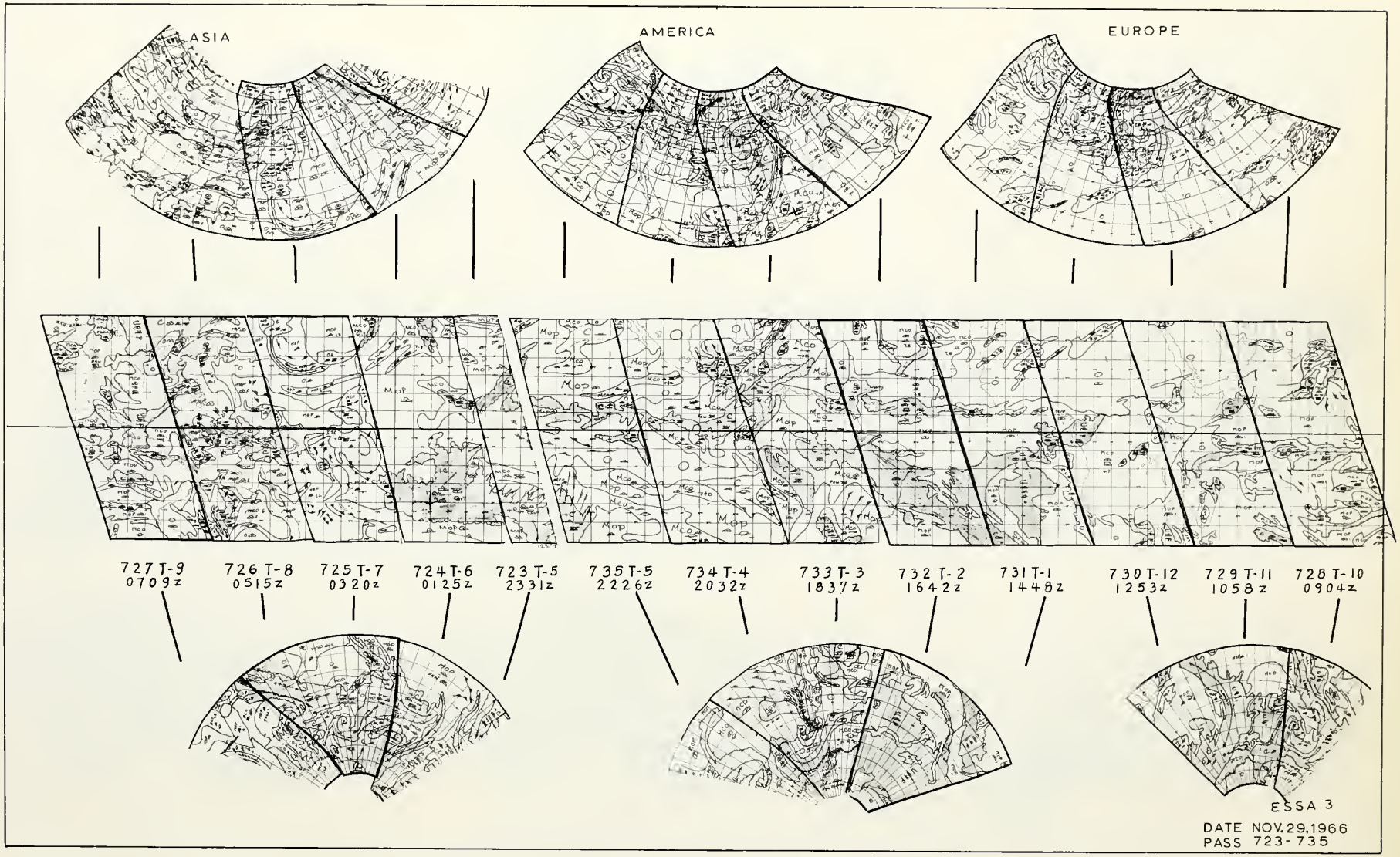

ASIA
AMERICA
EUROPE
664 T-9 0646z
663 T-8 0452z
662 T-7 0257z
661 T-6 0102z
673 T-6A 2358z
672 T-5 2204z
671 T-4 2009z
670 T-3 1814z
669 T-2 1620z
668 T-1 1425z
667 T-12 1230z
666 T-11 1036z
665 T-10 0841z
ESSA 3
DATE: NOV. 24, 1966
PASS: 661 - 673

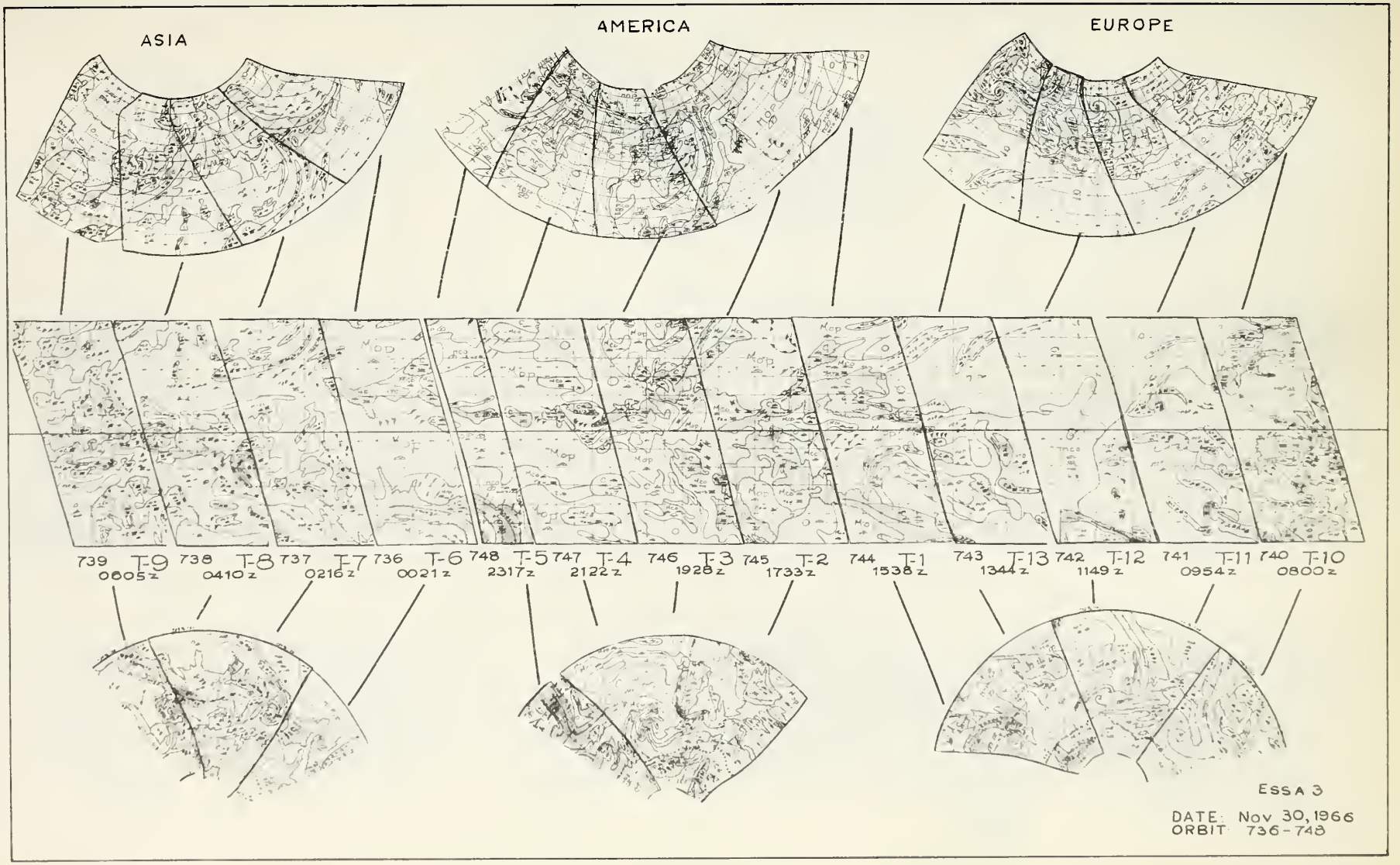

ASIA
AMERICA
EUROPE
677 T-10
0737z
676 T-9
0542z
675 T-8
0348z
674 T-7
0153z
673 T-6
2358z
NOV 24
685 T-5
2254z
684 T-4
2059z
683 T-3
1905z
682 T-2
1710z
681 T-1
1515z
680 T-13
1321z
679 T-12
1126z
678 T-11
0931z
ESSA III
DATE NOV. 25, 1966
PASS 673-685

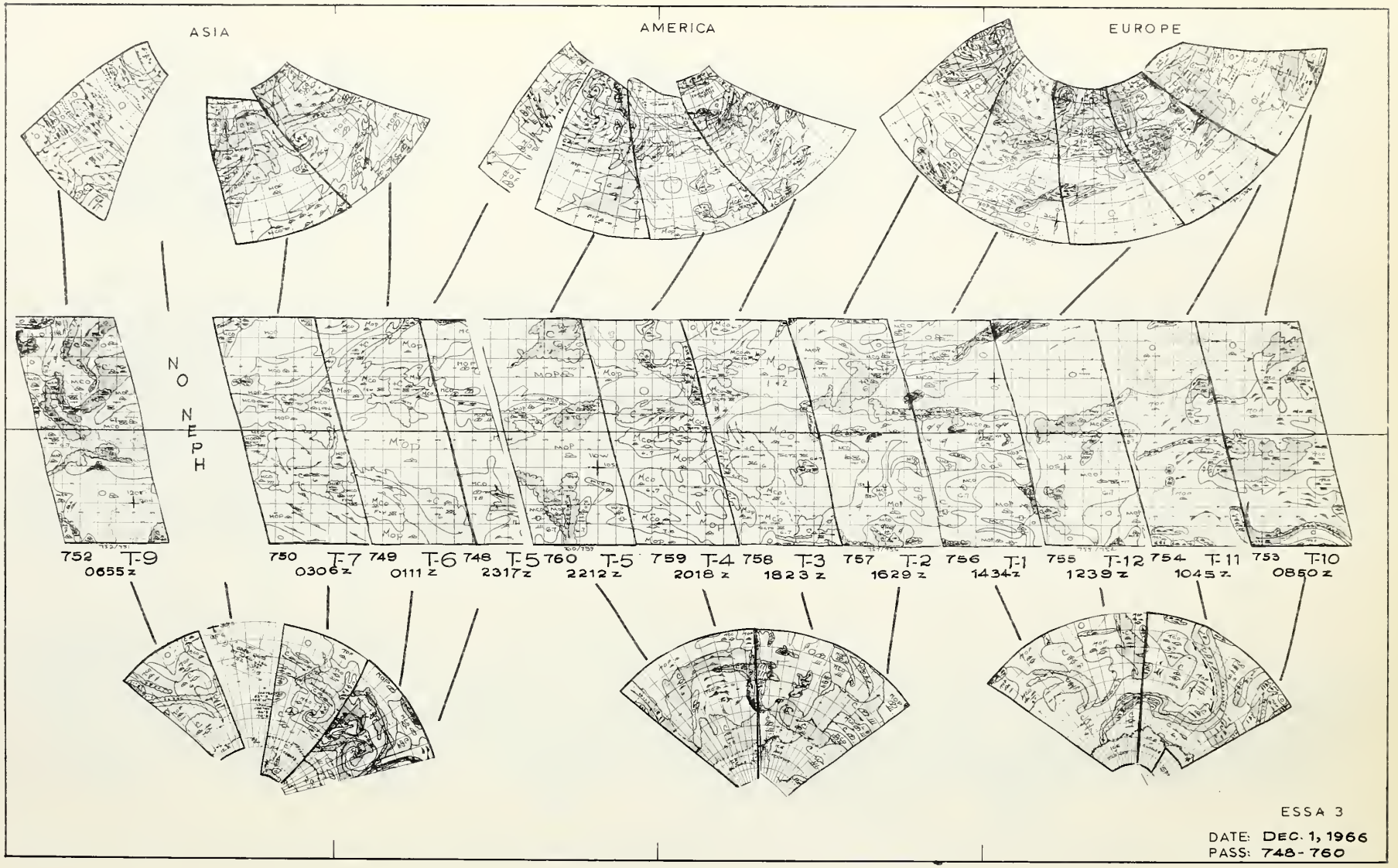

ASIA
AMERICA
EUROPE
689 T-9 0633z
688 T-8 0438z
687 T-7 0243z
686 T-6 0049z
698 T-5 2344z
697 T-4 2150z
696 T-3 1955z
695 T-2 1800z
694 T-1 1606z
693 T-13 1411z
692 T-12 1217z
691 T-11 1022z
690 T-10 0827z
ESSA 3
DATE: NOV. 26, 1966
ORBIT: 686 - 698

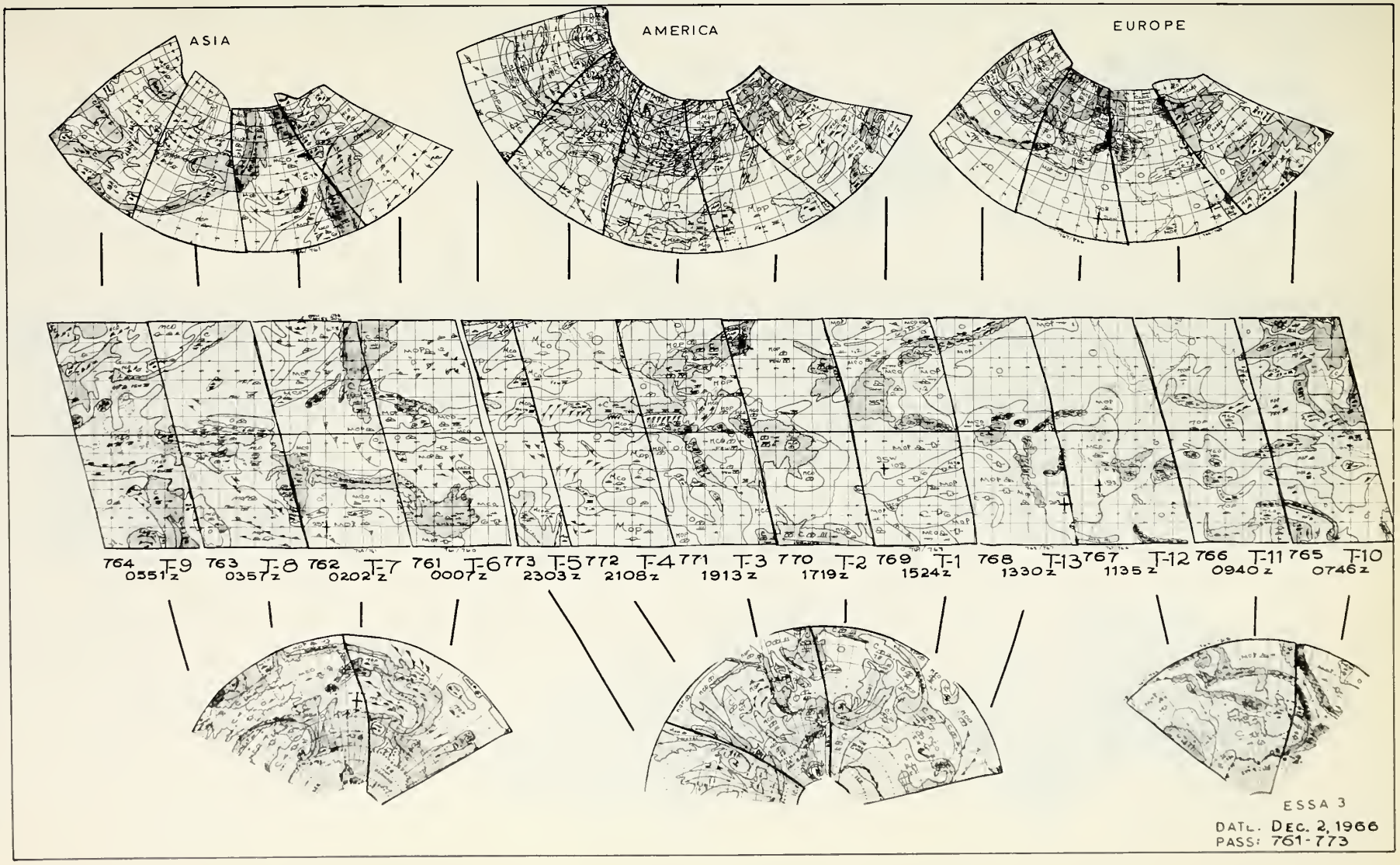

ASIA
AMERICA
EUROPE
NO NEPHS
699 T-6
0139z
698 T-5
2344z
NOV 26
710 T-5
?240z
709 T-4
2046z
708 T-3
1851z
707 T-2
1656z
706 T-1
1502z
705 T-12
1307z
704 T-11
1112z
703 T-10
0918z
702 T-9
0723z
ESSA 3
DATE NOV. 27, 1966
PASS 698-710

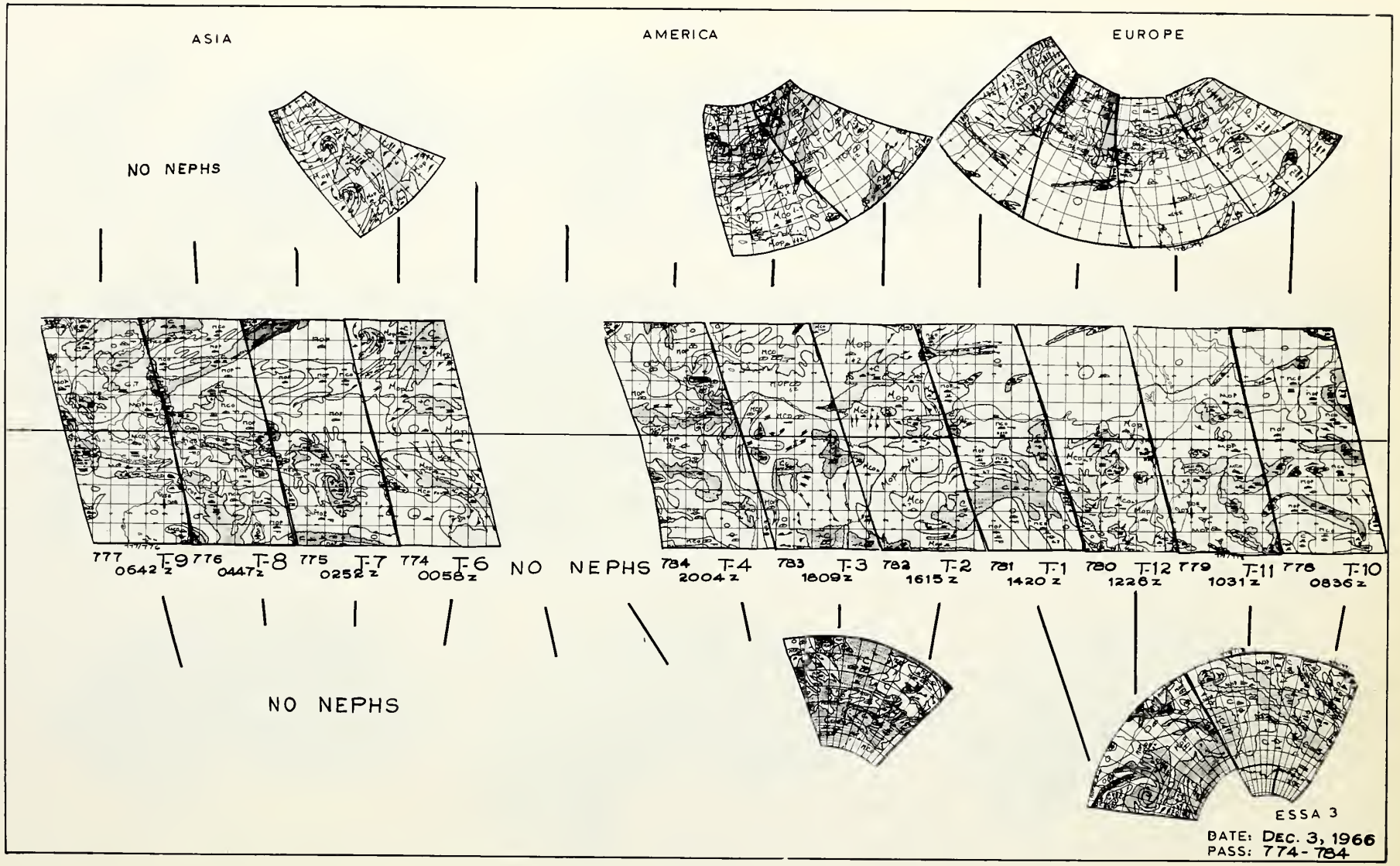

ASIA
AMERICA
EUROPE
714 0619 z T-9
713 0424 z T-8
712 0229 z T-7
711 0035 z T-6
723 2331 z T-5
722 2136 z T-4
721 1942 z T-3
720 1747 z T-2
719 1552 z T-1
718 1357 z T-13
717 1203 z T-12
716 1008 z T-11
715 0813 z T-10
ESSA 3
DATE NOV 28, 1966
ORBIT 711 - 723

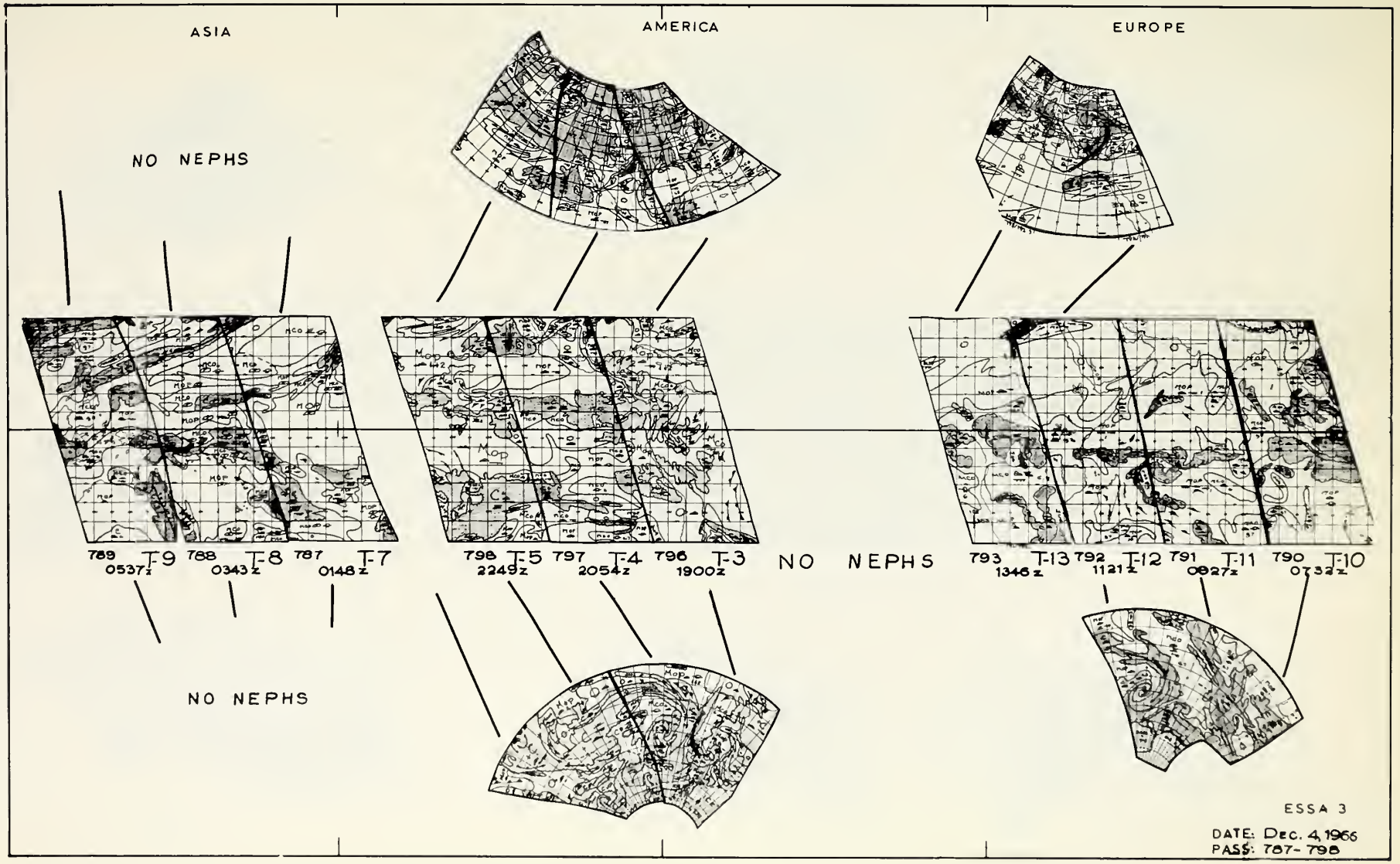

ASIA
AMERICA
EUROPE
727 T-9
0709z
726 T-8
0515z
725 T-7
0320z
724 T-6
0125z
723 T-5
2331z
735 T-5
2226z
734 T-4
2032z
733 T-3
1837z
732 T-2
1642z
731 T-1
1448z
730 T-12
1253z
729 T-11
1058z
728 T-10
0904z
ESSA 3
DATE NOV. 29, 1966
PASS 723-735

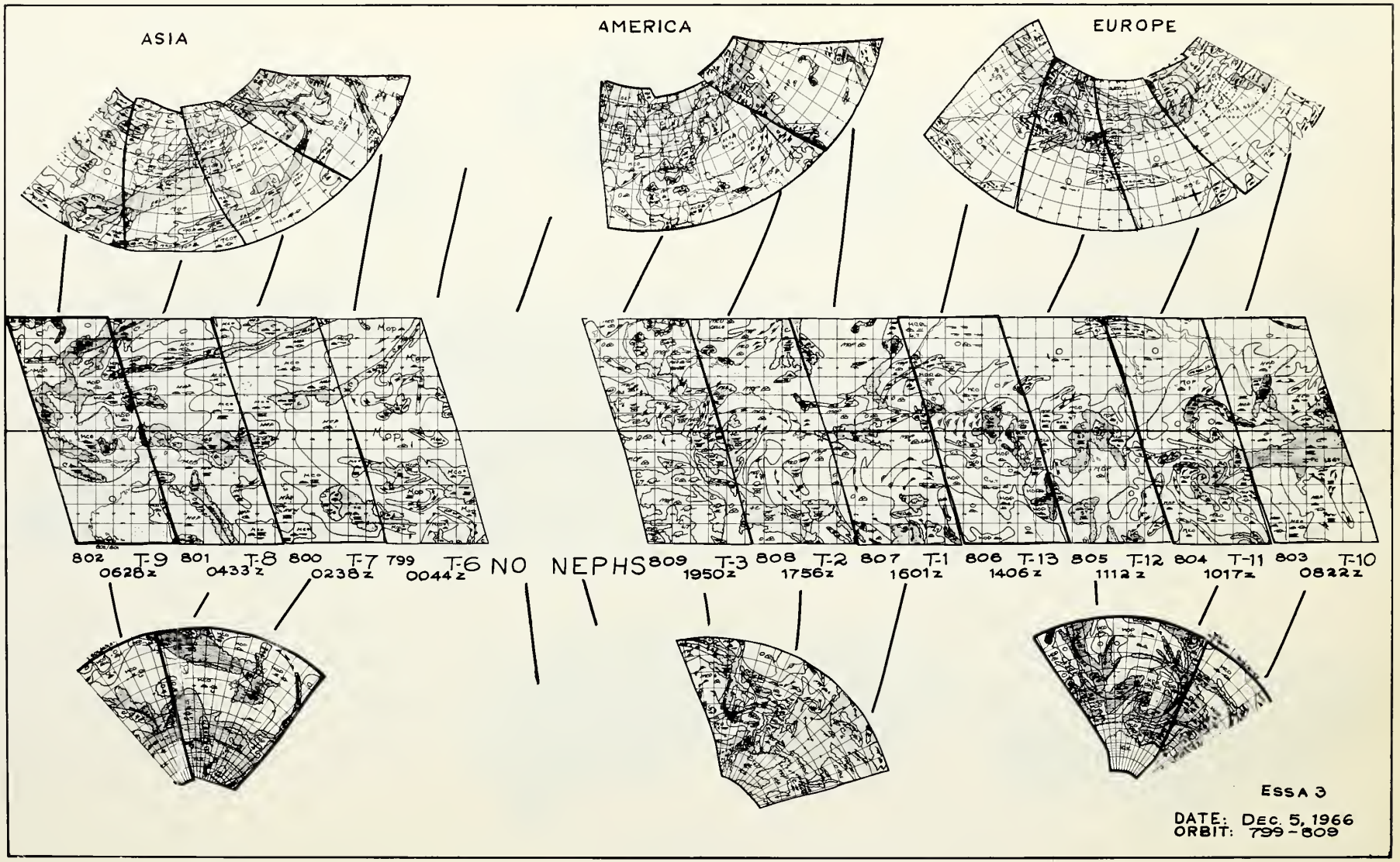

ASIA
AMERICA
EUROPE
739 T-9 0805z
738 T-8 0410z
737 T-7 0216z
736 T-6 0021z
748 T-5 2317z
747 T-4 2122z
746 T-3 1928z
745 T-2 1733z
744 T-1 1538z
743 T-13 1344z
742 T-12 1149z
741 T-11 0954z
740 T-10 0800z
ESSA 3
DATE: Nov 30, 1966
ORBIT 736-748

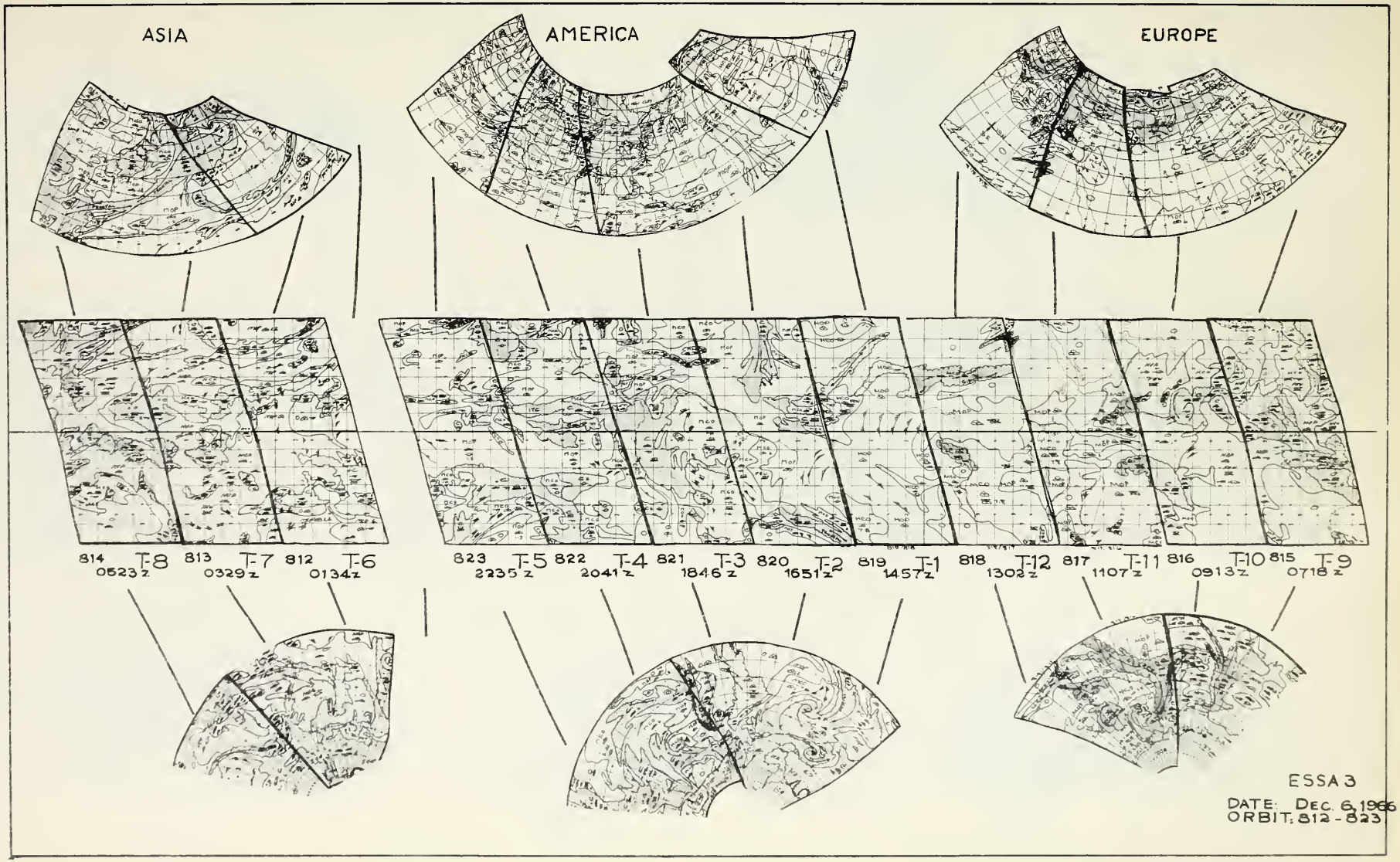

ASIA
AMERICA
EUROPE
NEPH
752 T-9 0655z
750 T-7 0306z
749 T-6 0111z
748 T-5 2317z
760 T-5 2212z
759 T-4 2018z
758 T-3 1823z
757 T-2 1629z
756 T-1 1434z
755 T-12 1239z
754 T-11 1045z
753 T-10 0850z
ESSA 3
DATE: DEC. 1, 1966
PASS: 748-760

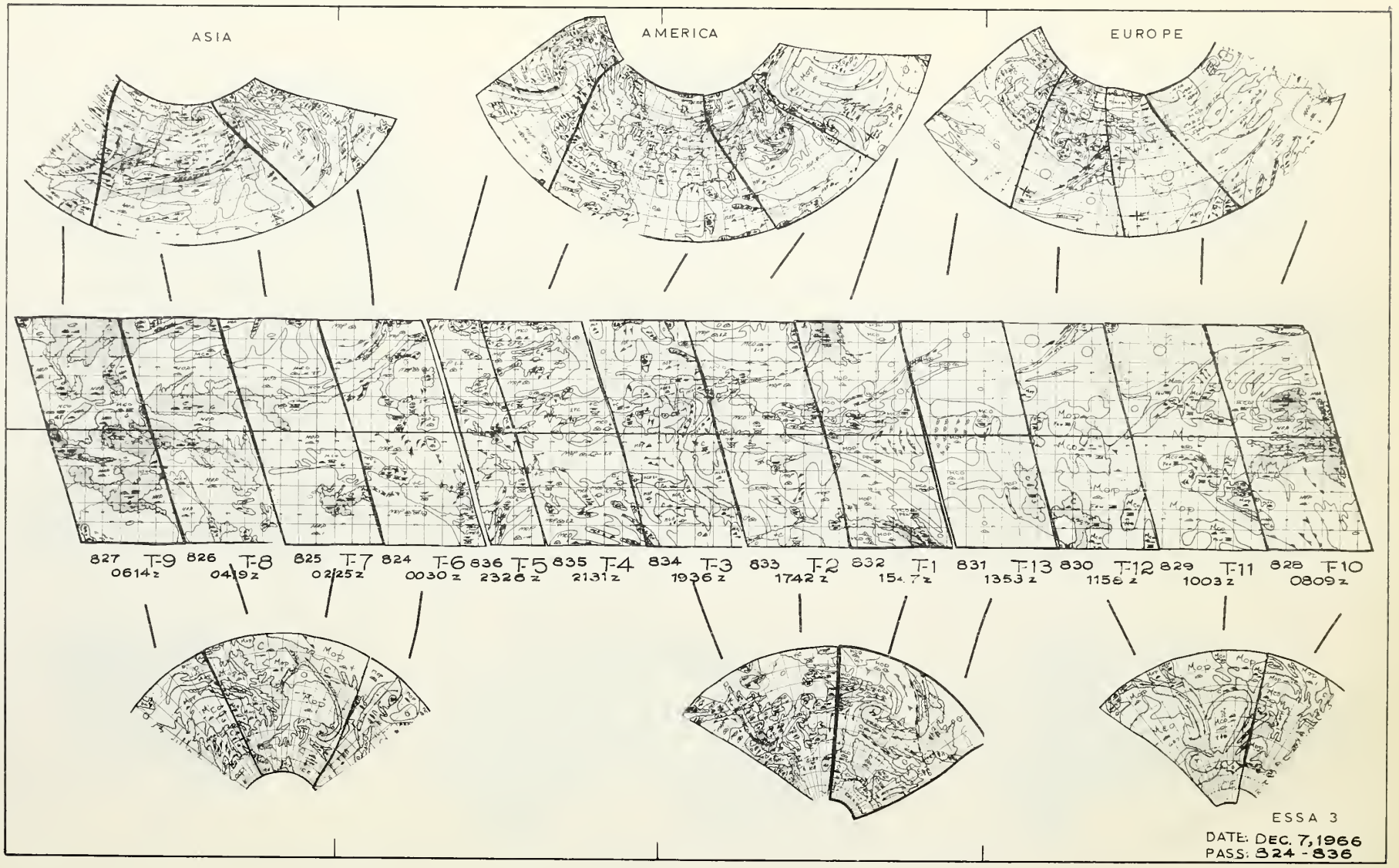

ASIA
AMERICA
EUROPE
764 0551Z T-9
763 0357Z T-8
762 0202Z T-7
761 0007Z T-6
773 2303Z T-5
772 2108Z T-4
771 1913Z T-3
770 1719Z T-2
769 1524Z T-1
768 1330Z T-13
767 1135Z T-12
766 0940Z T-11
765 0746Z T-10
ESSA 3
DATE. DEC. 2, 1966
PASS: 761-773

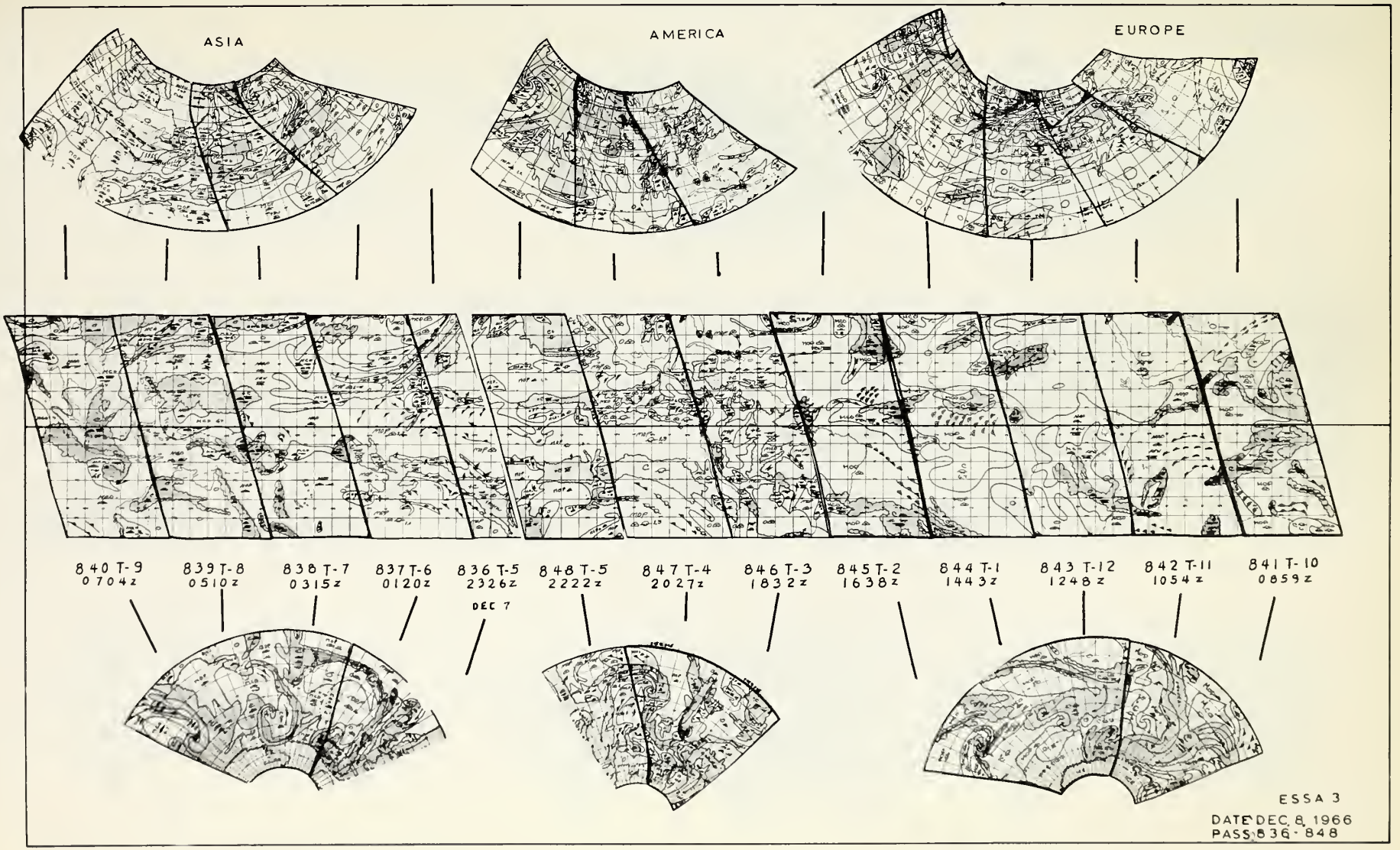

ASIA
AMERICA
EUROPE
NO NEPHS
777 T-9 0642 z
776 T-8 0447 z
775 T-7 0252 z
774 T-6 0058 z
NO NEPHS
784 T-4 2004 z
783 T-3 1809 z
782 T-2 1615 z
781 T-1 1420 z
780 T-12 1226 z
779 T-11 1031 z
778 T-10 0836 z
NO NEPHS
ESSA 3
DATE: DEC. 3, 1966
PASS: 774-784


ASIA
AMERICA
EUROPE
NO NEPHS
789 T-9 0537z
788 T-8 0343z
787 T-7 0148z
798 T-5 2249z
797 T-4 2054z
796 T-3 1900z
NO NEPHS
793 T-13 1346z
792 T-12 1121z
791 T-11 0927z
790 T-10 0732z
NO NEPHS
ESSA 3
DATE: Dec. 4, 1966
PASS: 787-798


ASIA
AMERICA
EUROPE
802 T-9 0628z
801 T-8 0433z
800 T-7 0238z
799 T-6 0044z
NO NEPHS
809 T-3 1950z
808 T-2 1756z
807 T-1 1601z
806 T-13 1406z
805 T-12 1112z
804 T-11 1017z
803 T-10 0822z
ESSA 3
DATE: Dec. 5, 1966
ORBIT: 799-809


ASIA
AMERICA
EUROPE
814 T-8 0523Z
813 T-7 0329Z
812 T-6 0134Z
823 T-5 2235Z
822 T-4 2041Z
821 T-3 1846Z
820 T-2 1651Z
819 T-1 1457Z
818 T-12 1302Z
817 T-11 1107Z
816 T-10 0913Z
815 T-9 0718Z
ESSA 3
DATE: DEC. 6, 1966
ORBIT: 812 - 823


ASIA
AMERICA
EUROPE
827 T-9 0614z
826 T-8 0419z
825 T-7 0225z
824 T-6 0030z
836 T-5 2326z
835 T-4 2131z
834 T-3 1936z
833 T-2 1742z
832 T-1 1547z
831 T-13 1353z
830 T-12 1156z
829 T-11 1003z
828 T-10 0809z
ESSA 3
DATE: DEC. 7, 1966
PASS: 824 - 836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839 T-8
0510z
838 T-7
0315z
837 T-6
0120z
836 T-5
2326z
DEC 7
848 T-5
2222z
847 T-4
2027z
846 T-3
1832z
845 T-2
1638z
844 T-1
1443z
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1054z
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0859z
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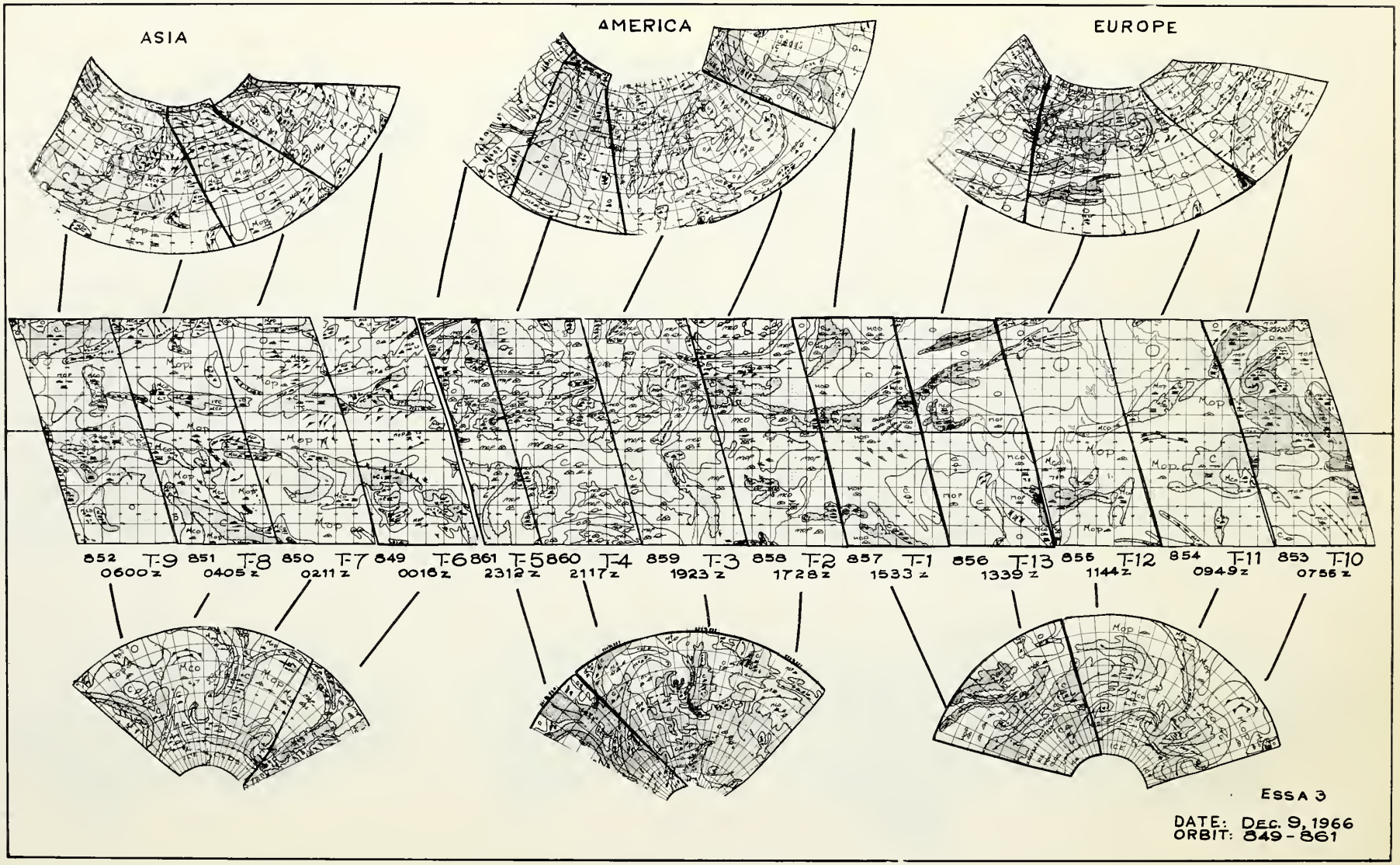
DATE DEC 8, 1966
PASS 836 - 848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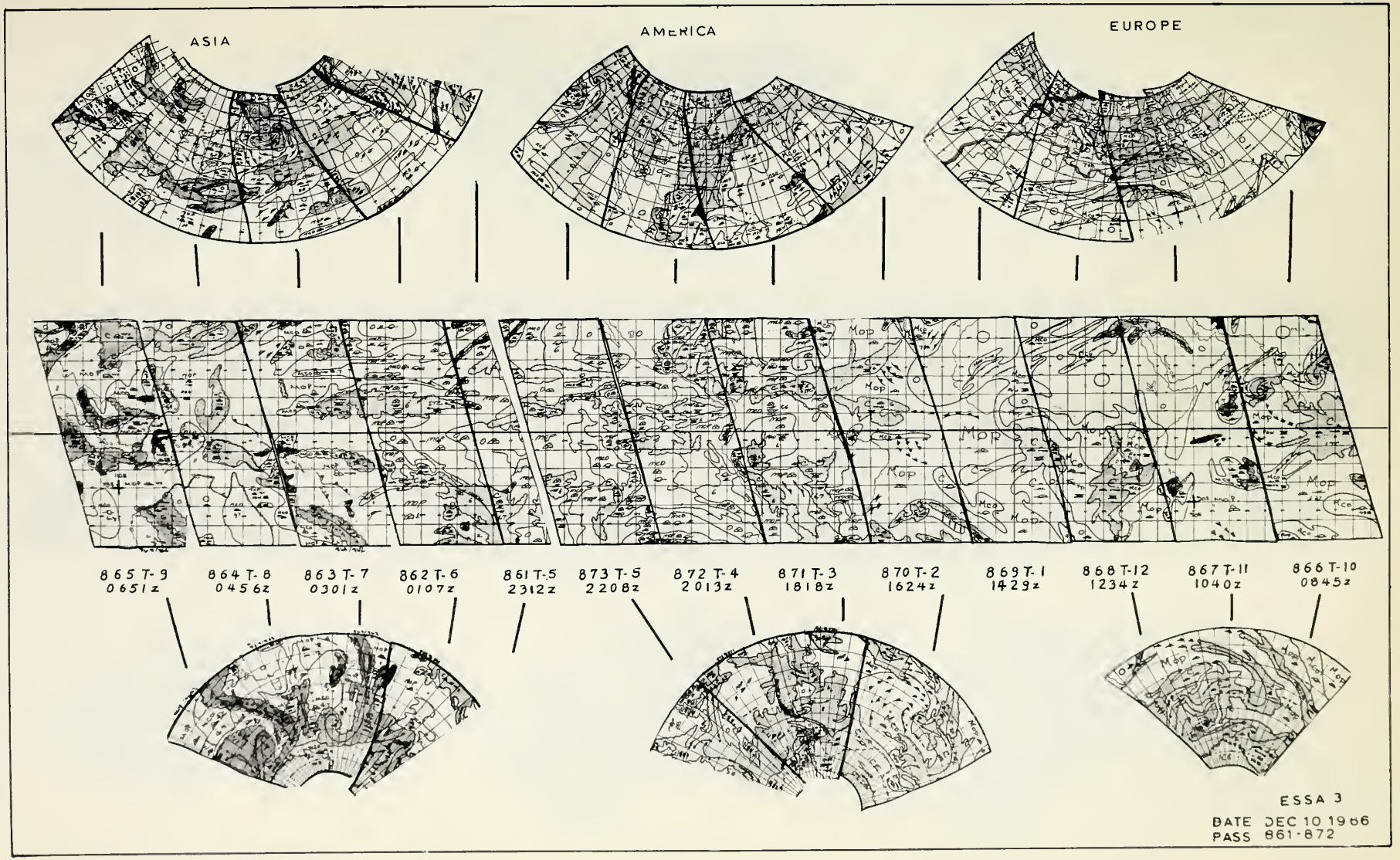
ESSA 3
DATE: DEC. 9, 1966
ORBIT: 849 - 861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863 T-7
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2312z
873 T-5
2208z
872 T-4
2013z
871 T-3
1818z
870 T-2
1624z
869 T-1
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0845z
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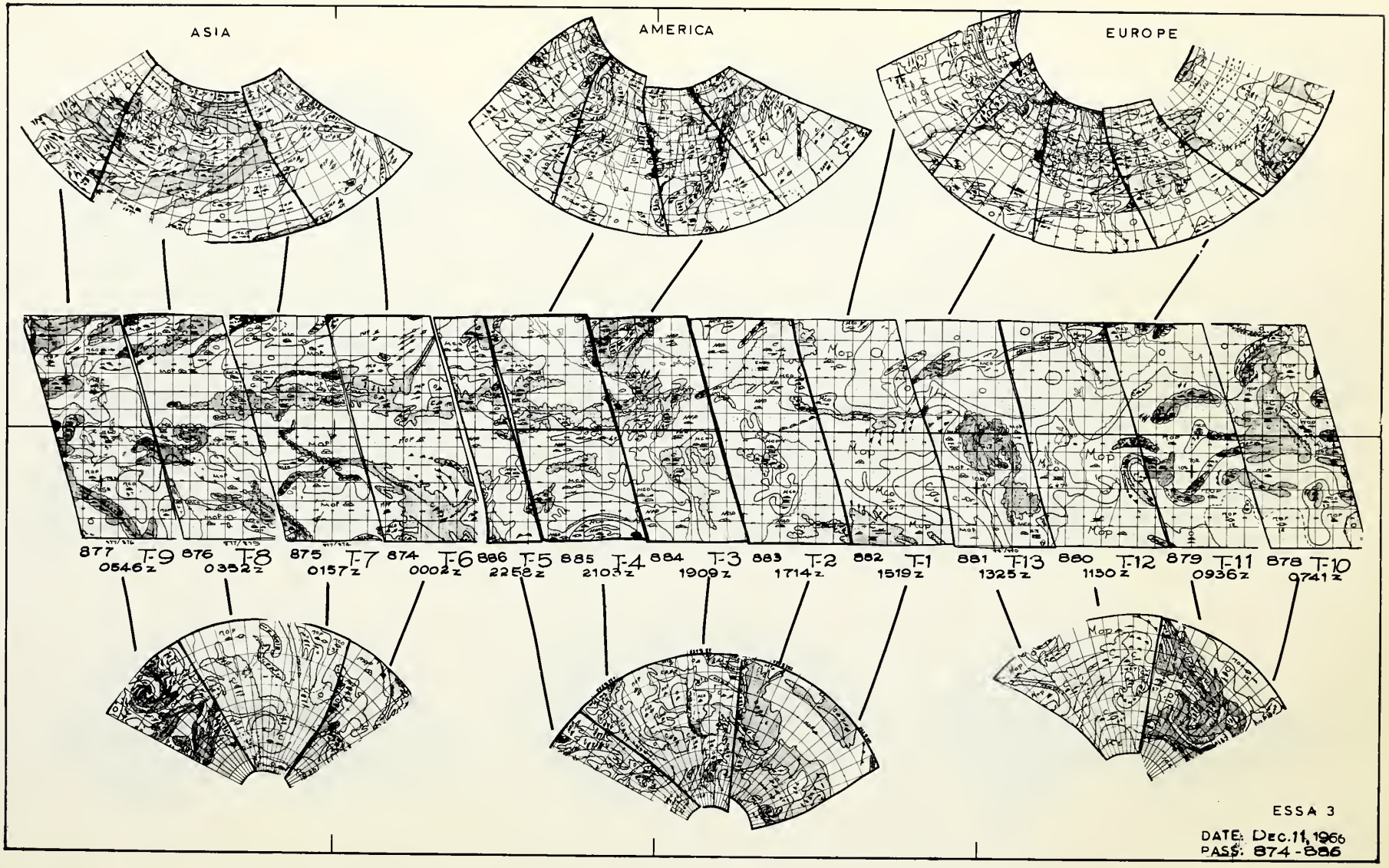
DATE DEC 10 1966
PASS 861-872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877 T-9 0546z
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874 T-6 0002z
886 T-5 2258z
885 T-4 2103z
884 T-3 1909z
883 T-2 1714z
882 T-1 1519z
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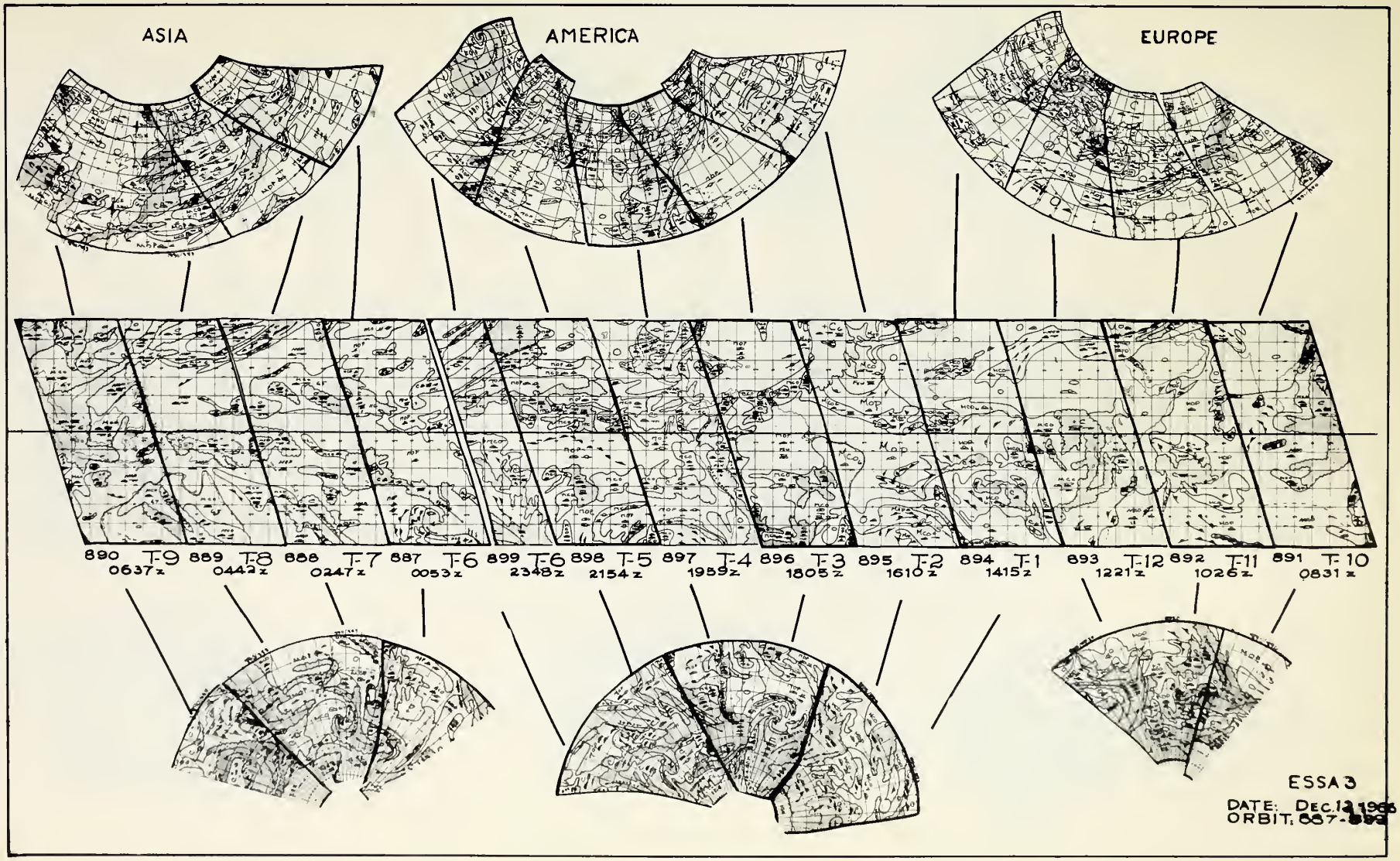
DATE: Dec.11, 1966
PASS: 874-886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898 T-5 2154z
897 T-4 1959z
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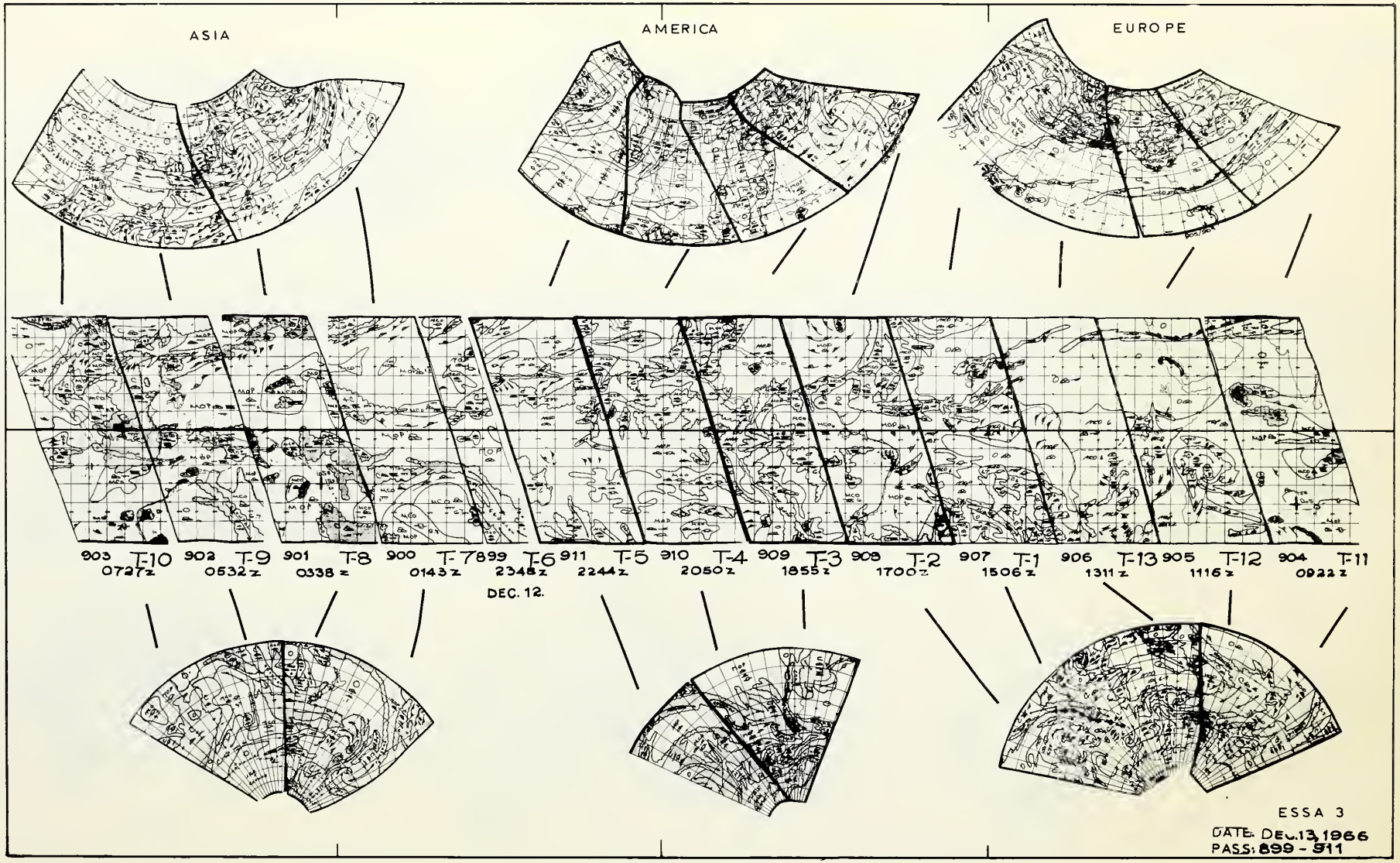
ESSA 3
DATE: DEC. 13 1966
ORBIT: 887-892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910 T-4 2050z
909 T-3 1855z
908 T-2 1700z
907 T-1 1506z
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905 T-12 1116z
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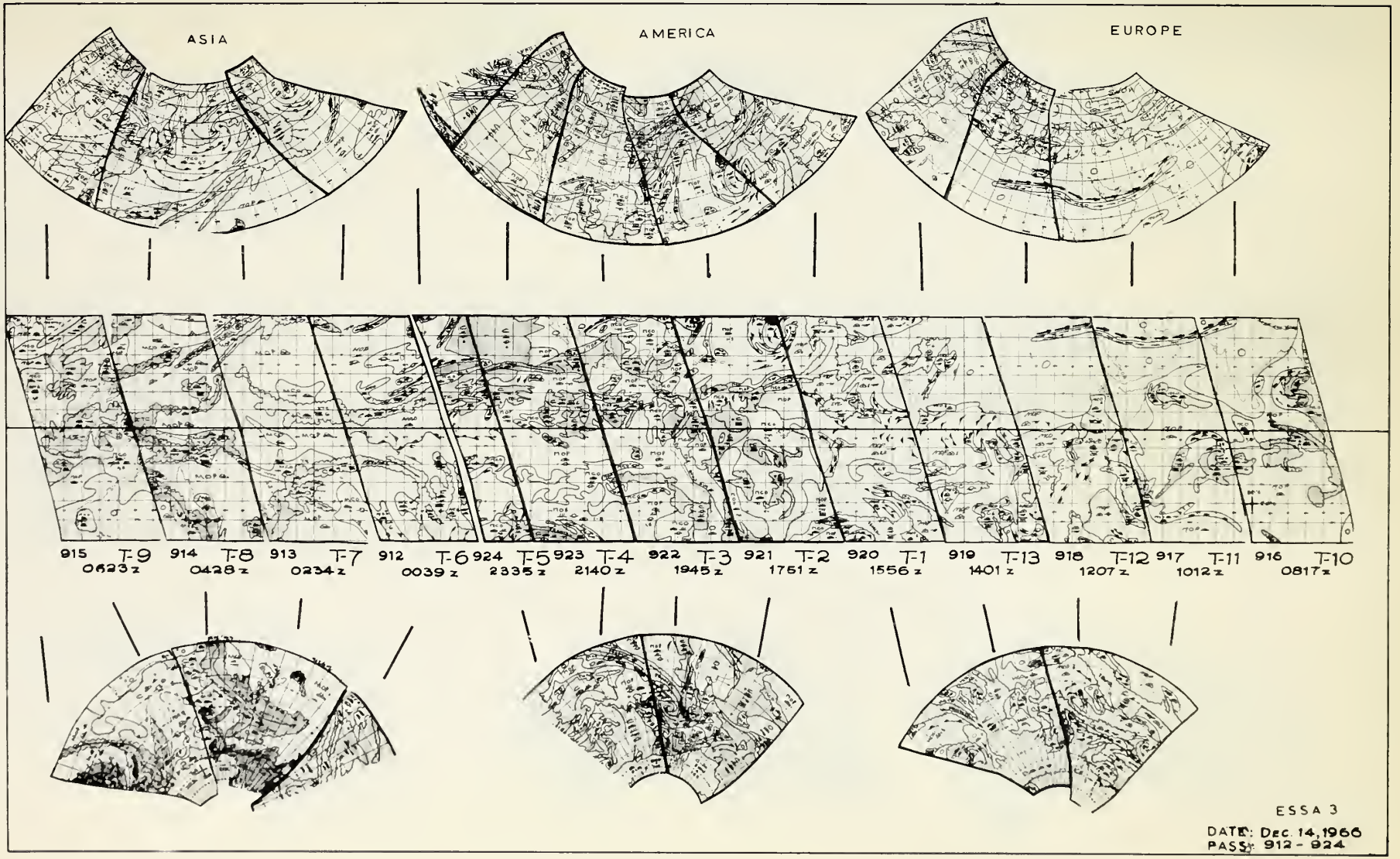
DEC. 12.
ESSA 3
DATE: DEC. 13, 1966
PASS: 899 - 911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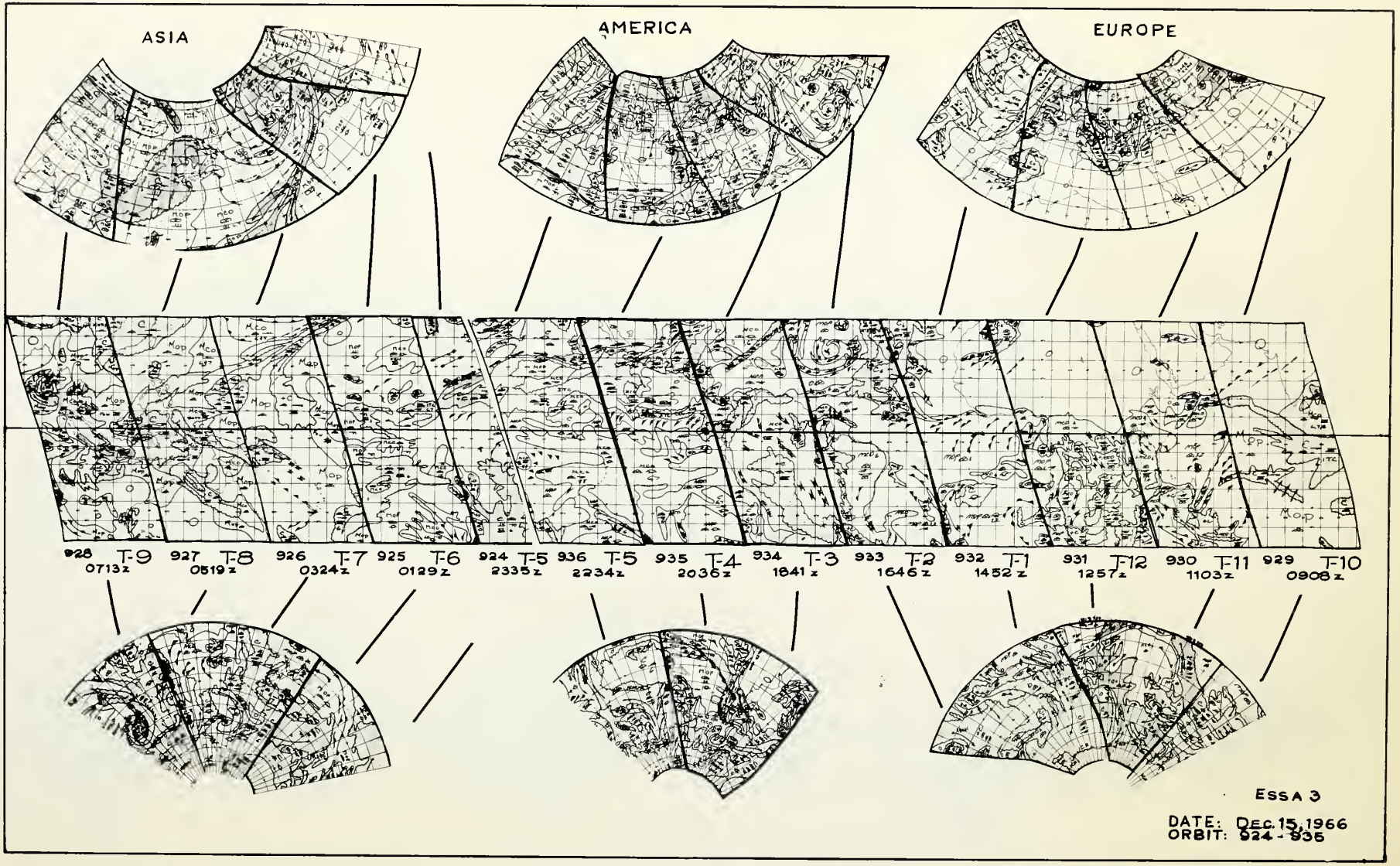
915 T-9 0623 z
914 T-8 0428 z
913 T-7 0234 z
912 T-6 0039 z
924 T-5 2335 z
923 T-4 2140 z
922 T-3 1945 z
921 T-2 1751 z
920 T-1 1556 z
919 T-13 1401 z
918 T-12 1207 z
917 T-11 1012 z
916 T-10 0817 z
ESSA 3
DATE: Dec. 14, 1966
PASS: 912 - 924


ASIA
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EUROPE
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927 T-8 0519z
926 T-7 0324z
925 T-6 0129z
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936 T-5 2234z
935 T-4 2036z
934 T-3 1841z
933 T-2 1646z
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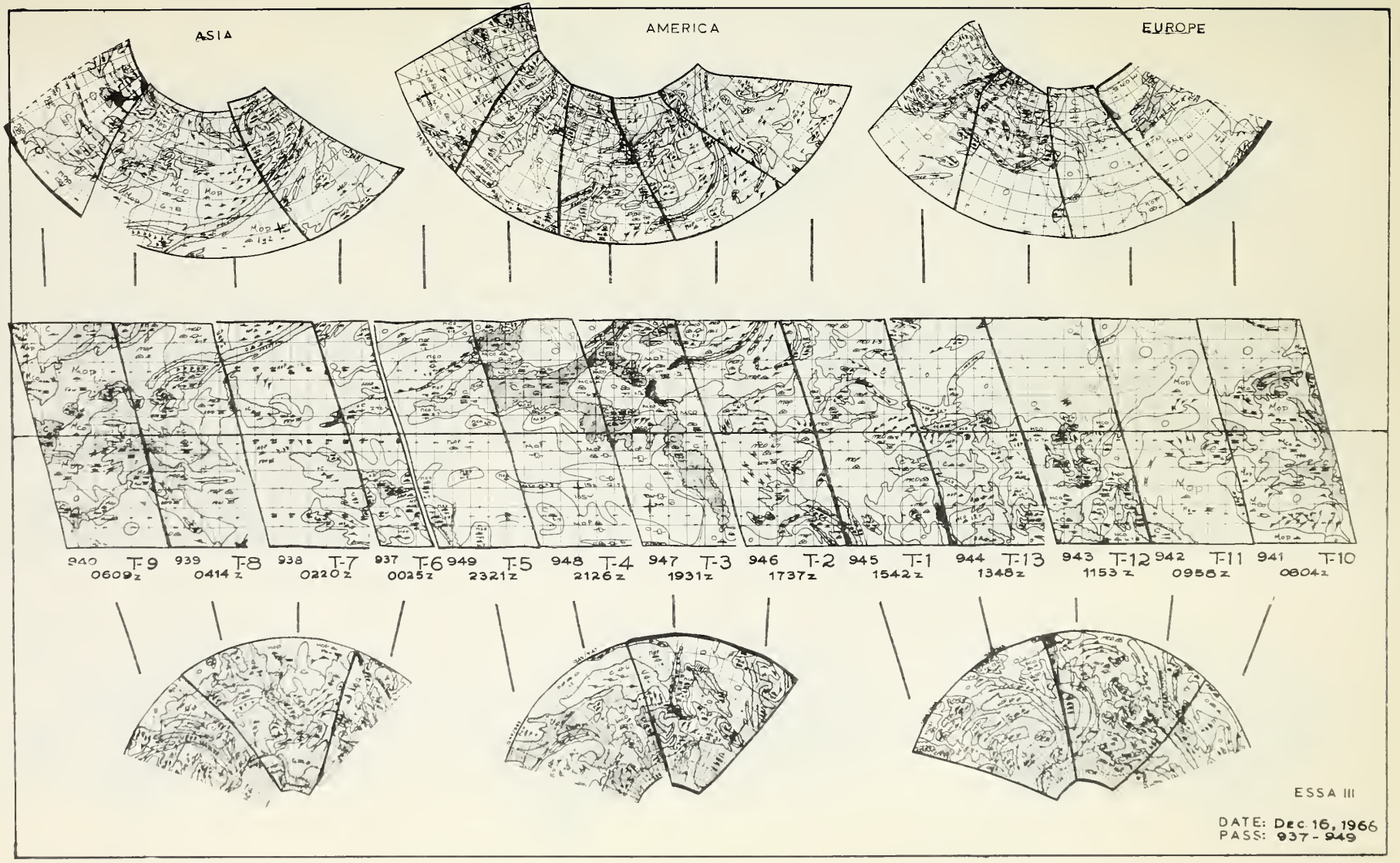
930 T-11 1103z
929 T-10 0908z
ESSA 3
DATE: DEC. 15, 1966
ORBIT: 924 - 935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940 T-9 0609z
939 T-8 0414z
938 T-7 0220z
937 T-6 0025z
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948 T-4 2126z
947 T-3 1931z
946 T-2 1737z
945 T-1 1542z
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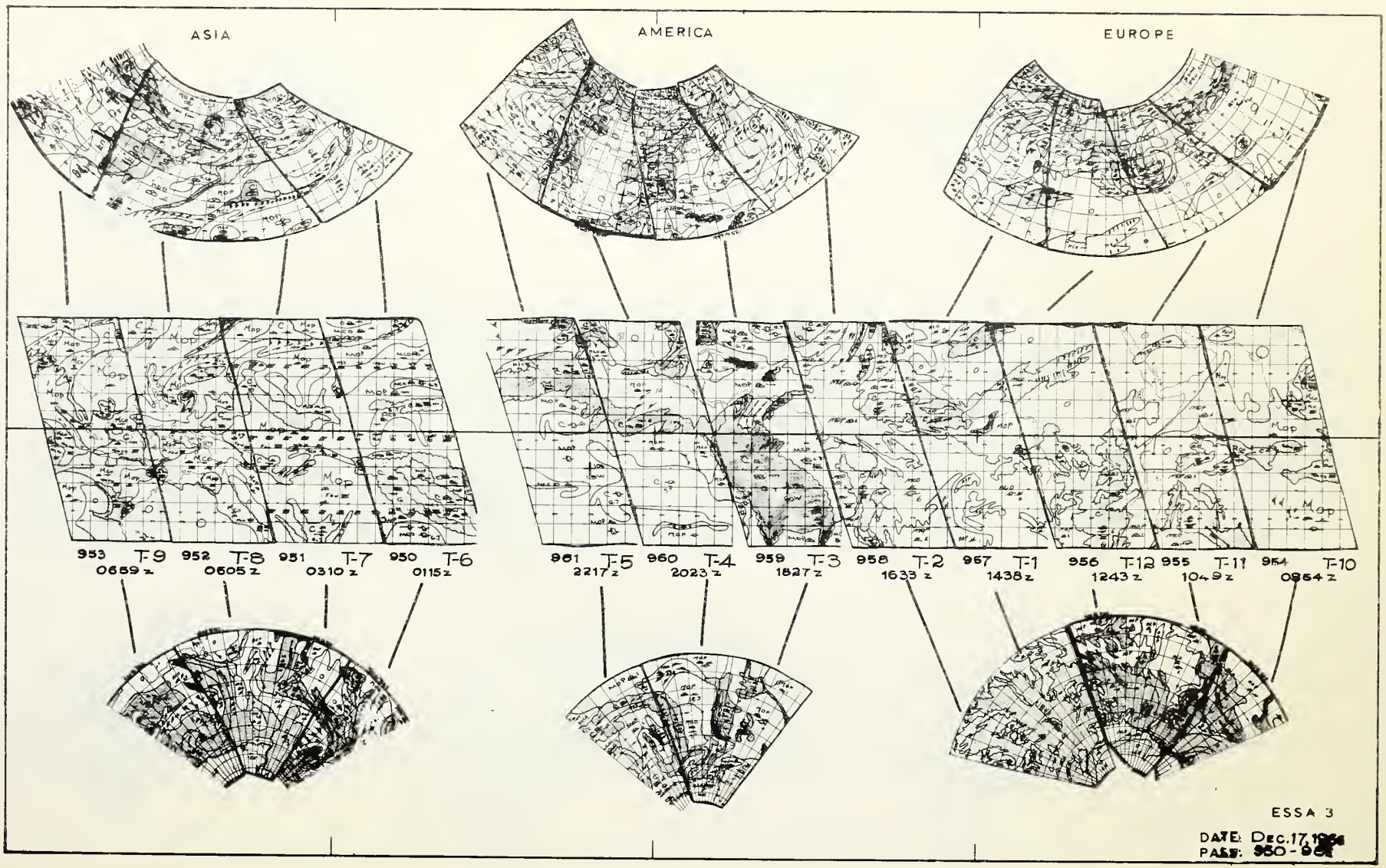
ESSA III
DATE: Dec. 16, 1966
PASS: 937 - 949


ASIA
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953 T-9 0659 z
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959 T-3 1827 z
958 T-2 1633 z
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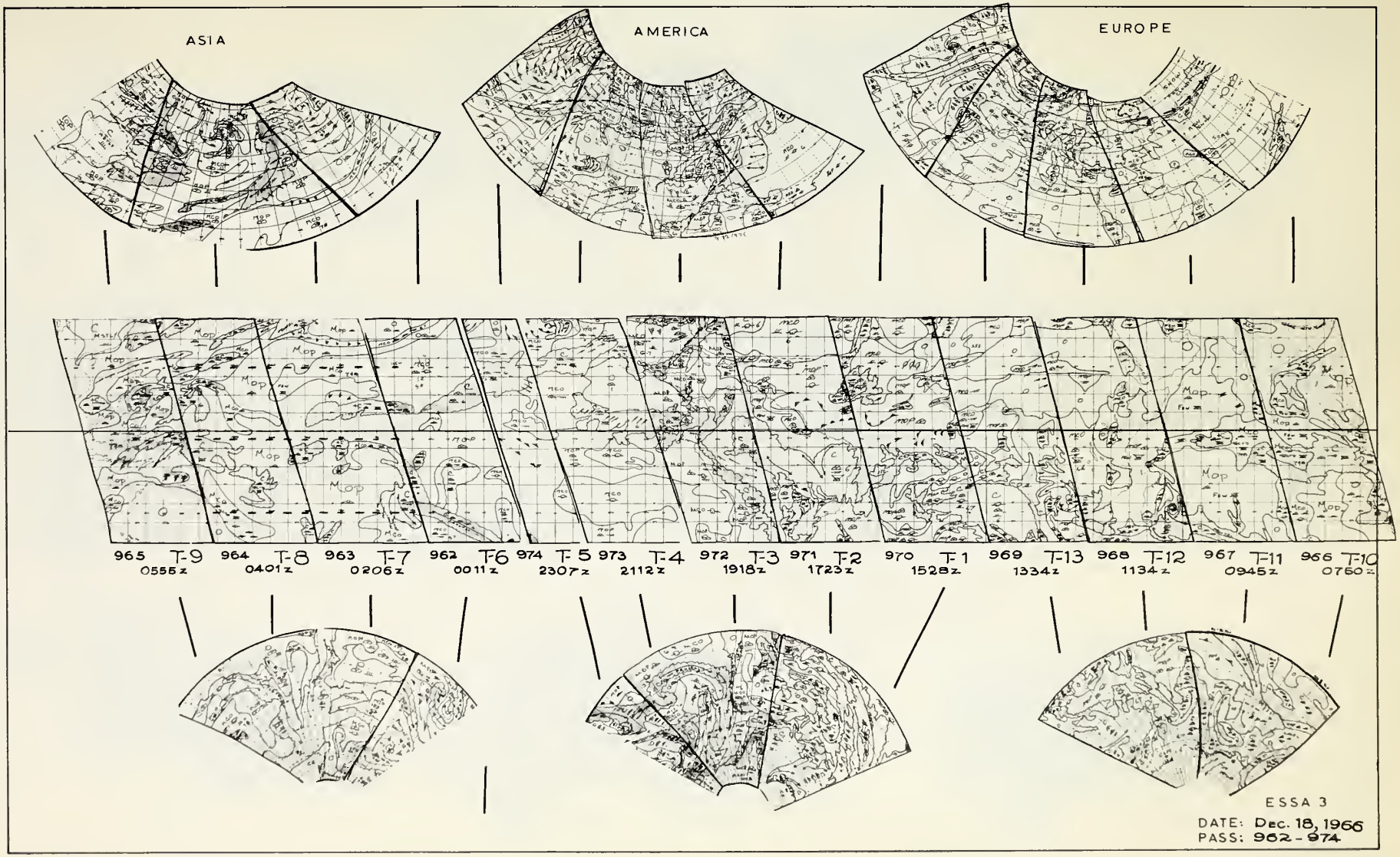
DATE: Dec.17,19
PASS: 950-96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962 T-6 0011z
974 T-5 2307z
973 T-4 2112z
972 T-3 1918z
971 T-2 1723z
970 T-1 1528z
969 T-13 1334z
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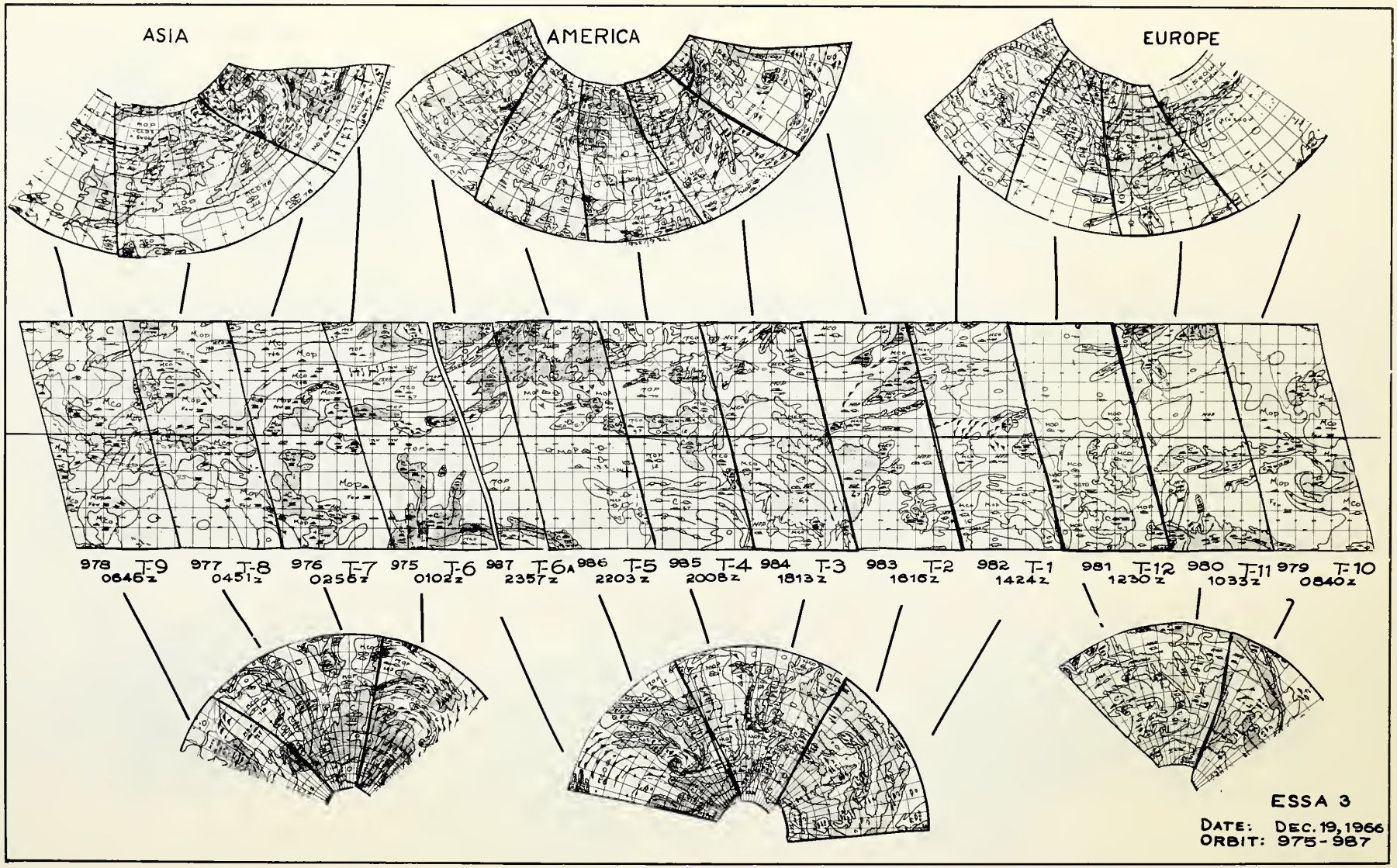
967 T-11 0945z
966 T-10 0760z
ESSA 3
DATE: Dec. 18, 1966
PASS: 962-974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977 T-8 0451z
976 T-7 0256z
975 T-6 0102z
987 T-6A 2357z
986 T-5 2203z
985 T-4 2008z
984 T-3 1813z
983 T-2 1616z
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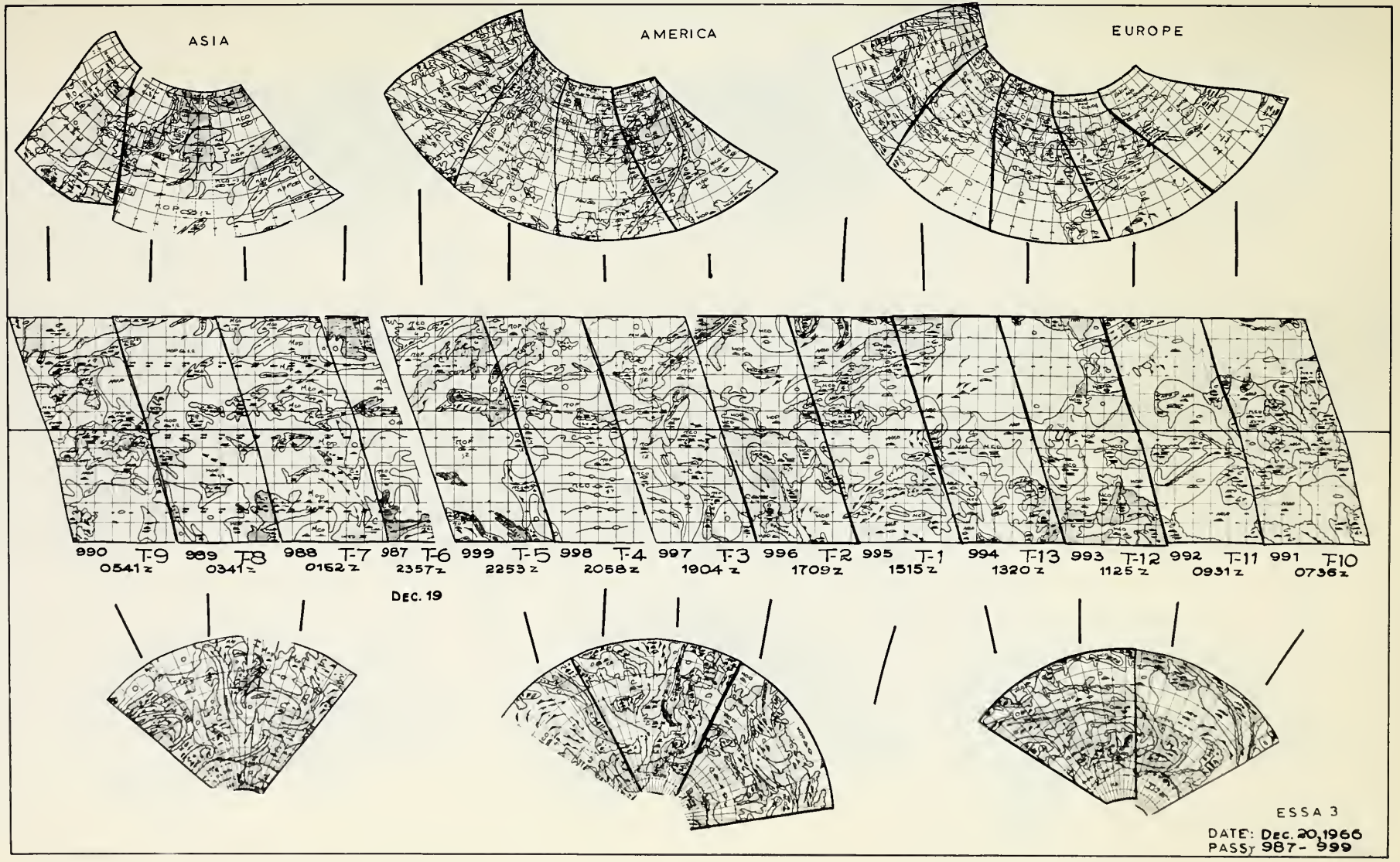
ESSA 3
DATE: DEC. 19, 1966
ORBIT: 975-987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988 T-7 0152z
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999 T-5 2253z
998 T-4 2058z
997 T-3 1904z
996 T-2 1709z
995 T-1 1515z
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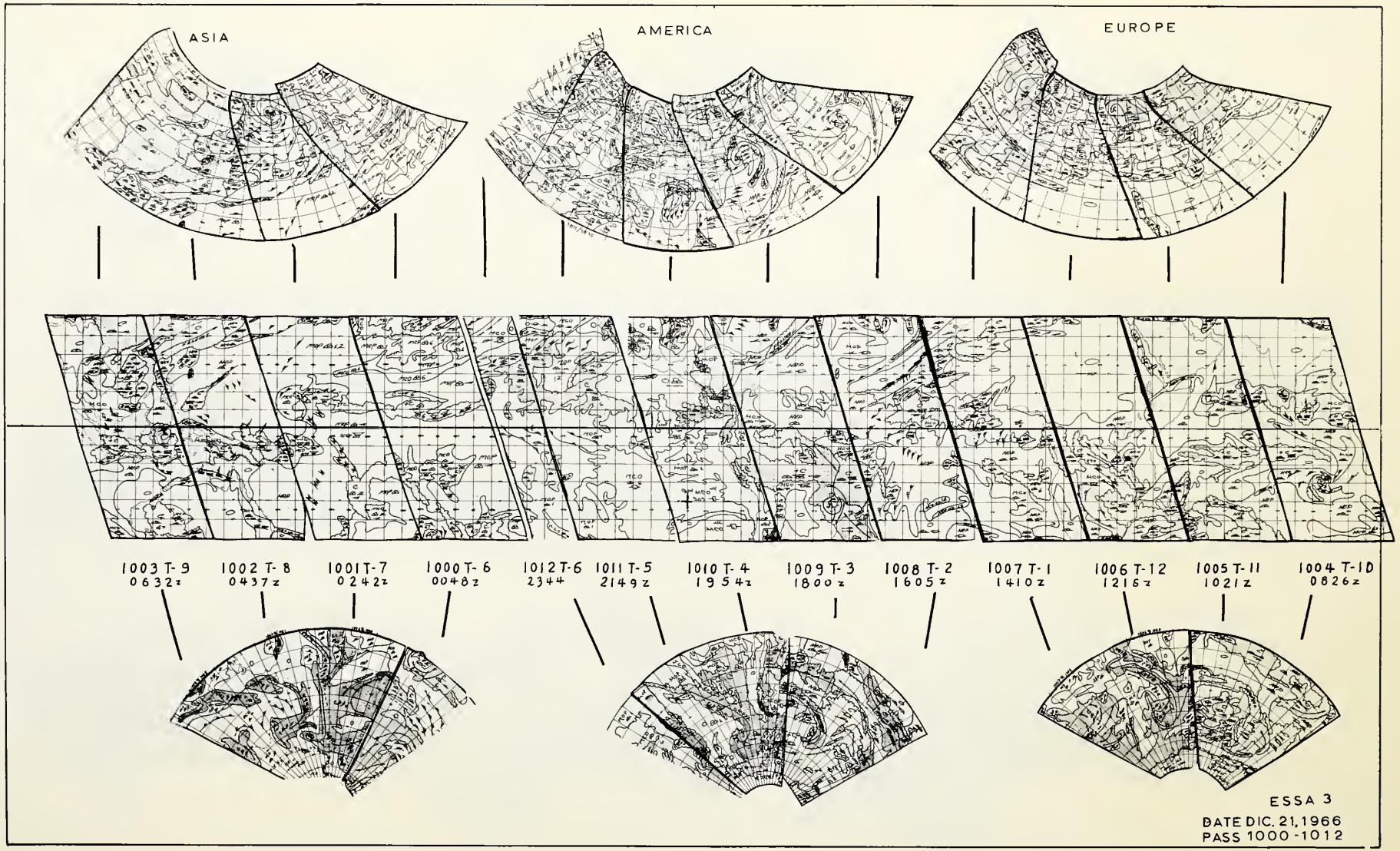
DEC. 19
ESSA 3
DATE: Dec. 20, 1966
PASS: 987 - 999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1002 T-8
0437z
1001 T-7
0242z
1000 T-6
0048z
1012 T-6
2344
1011 T-5
2149z
1010 T-4
1954z
1009 T-3
1800z
1008 T-2
1605z
1007 T-1
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1021z
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0826z
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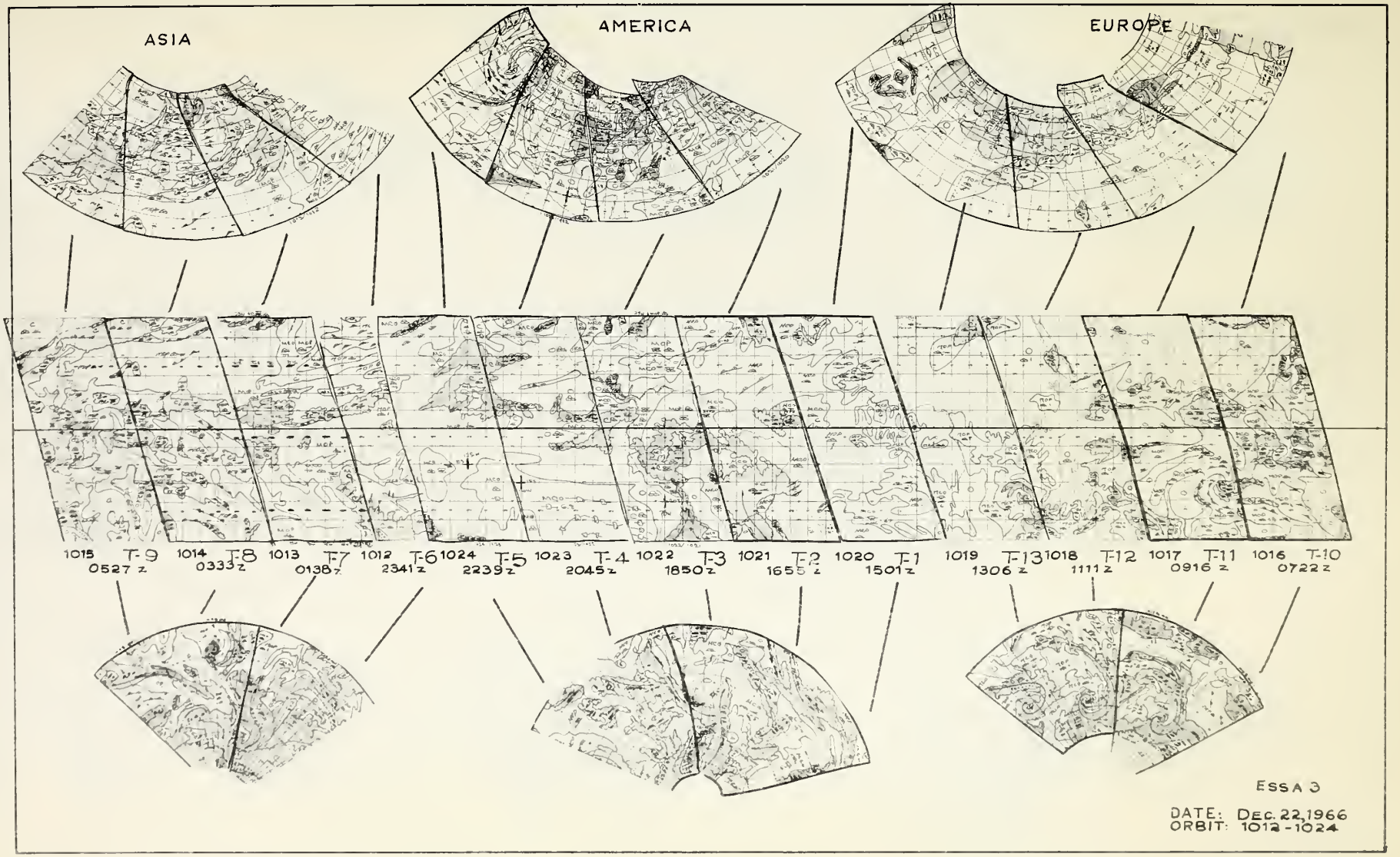
DATE DIC. 21, 1966
PASS 1000-1012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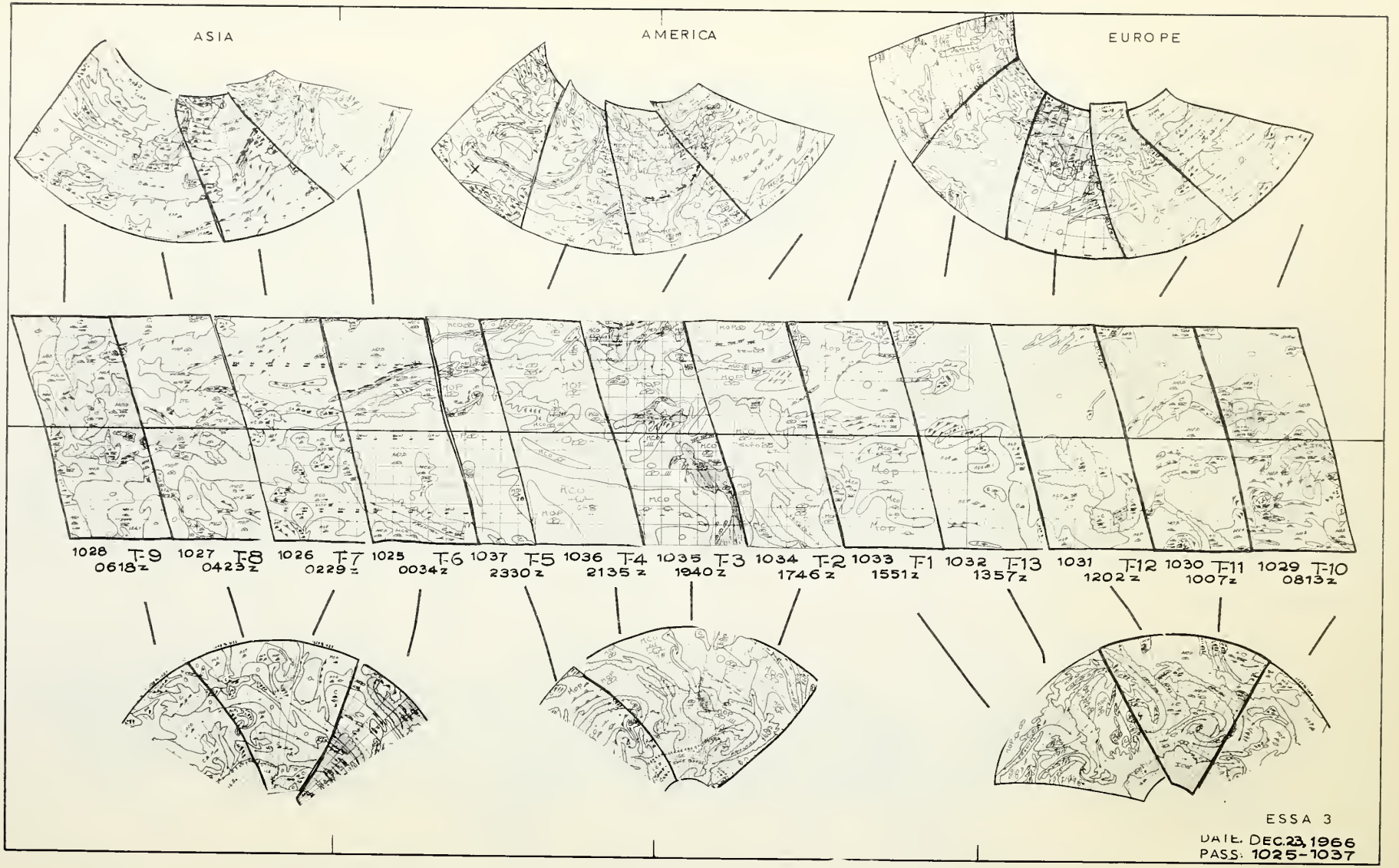
EUROPE
1015 T-9 0527 z
1014 T-8 0333 z
1013 T-7 0138 z
1012 T-6 2341 z
1024 T-5 2239 z
1023 T-4 2045 z
1022 T-3 1850 z
1021 T-2 1655 z
1020 T-1 1501 z
1019 T-13 1306 z
1018 T-12 1111 z
1017 T-11 0916 z
1016 T-10 0722 z
ESSA 3
DATE: Dec. 22, 1966
ORBIT: 1012-1024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1026 T-7 0229z
1025 T-6 0034z
1037 T-5 2330z
1036 T-4 2135z
1035 T-3 1940z
1034 T-2 1746z
1033 T-1 1551z
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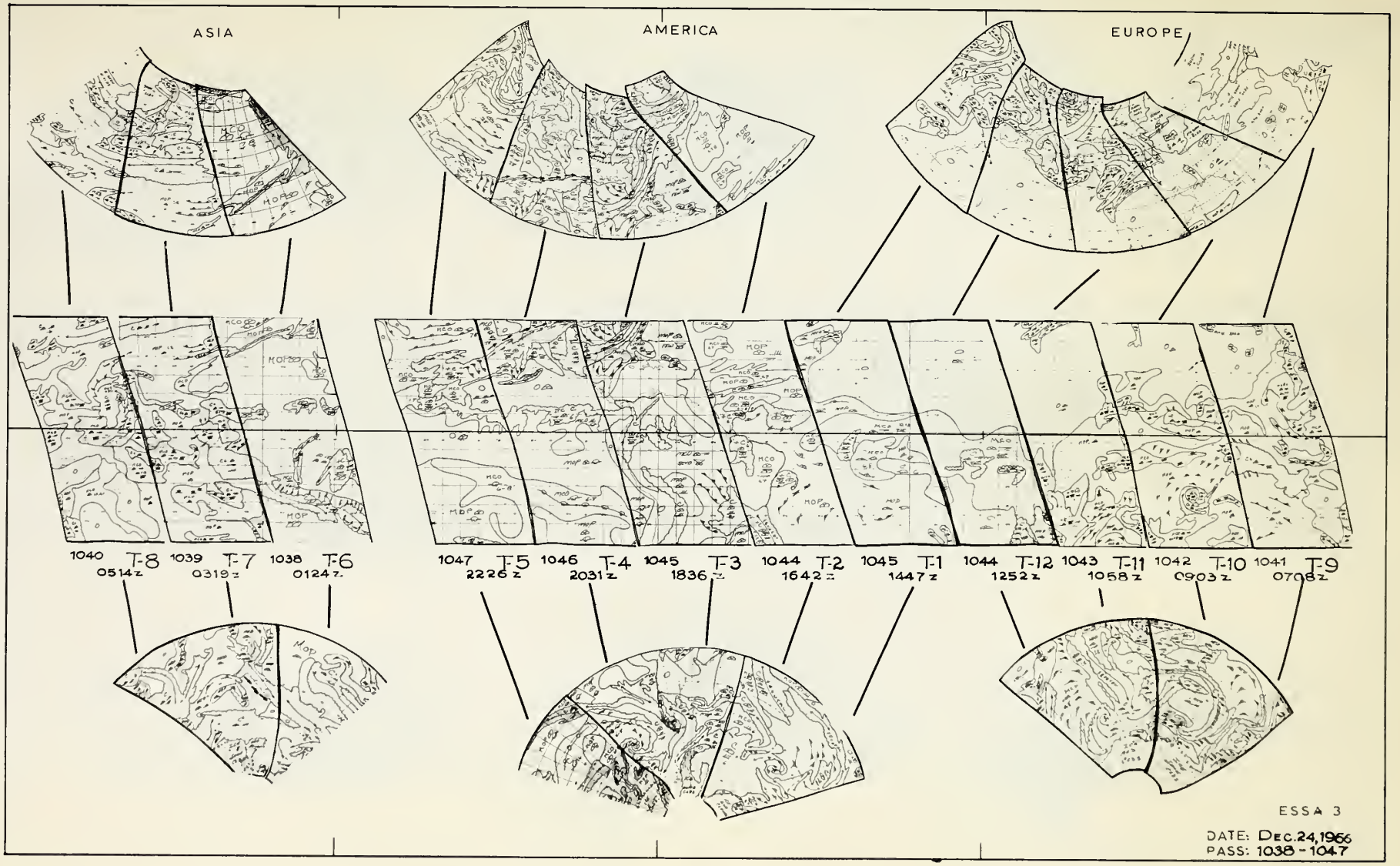
1031 T-12 1202z
1030 T-11 1007z
1029 T-10 0813z
ESSA 3
DATE. DEC.23, 1966
PASS: 1025-1037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1038 T-6 0124 z
1047 T-5 2226 z
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1045 T-3 1836 z
1044 T-2 1642 z
1045 T-1 1447 z
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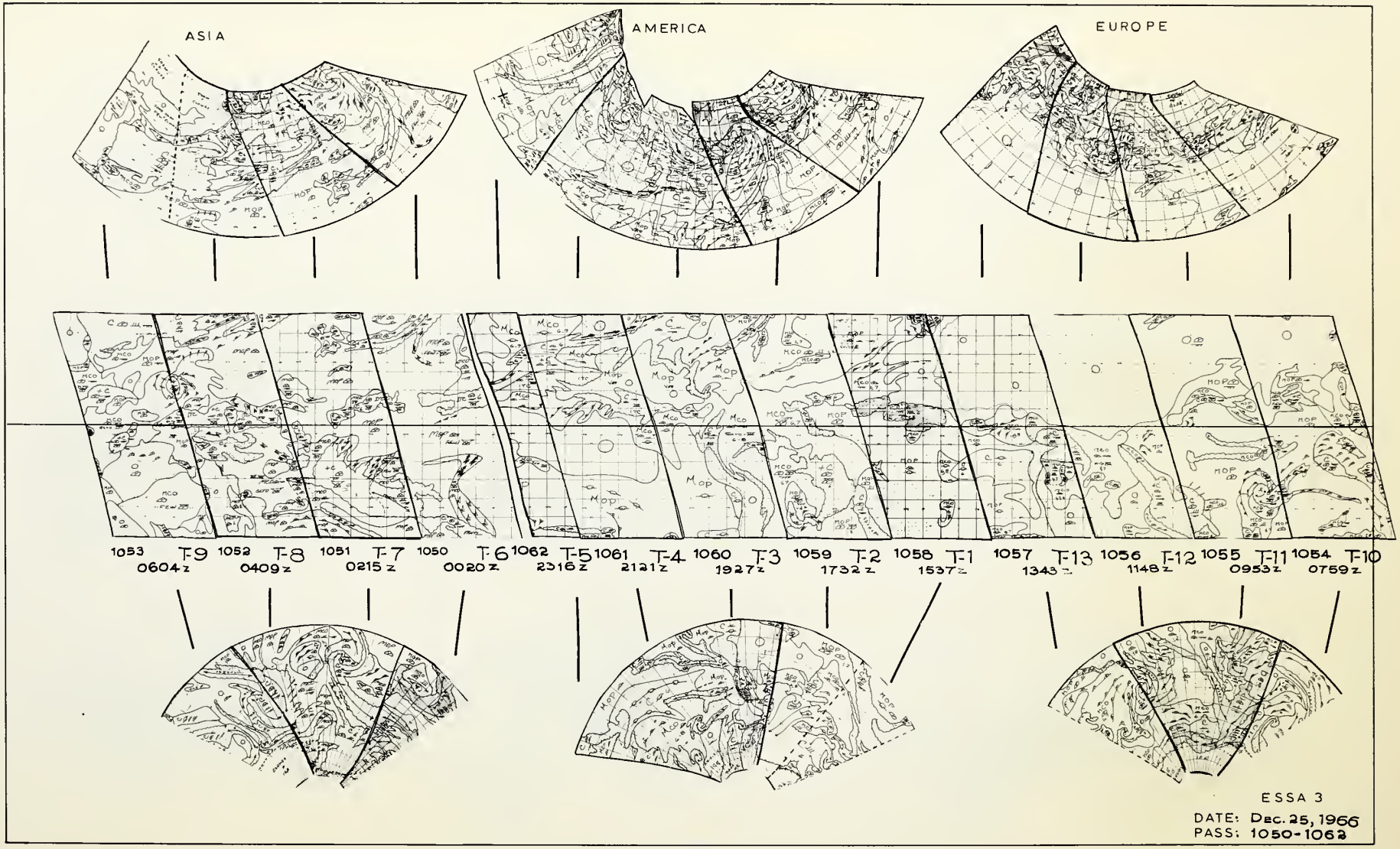
1041 T-9 0708 z
ESSA 3
DATE: DEC. 24, 1966
PASS: 1038 - 1047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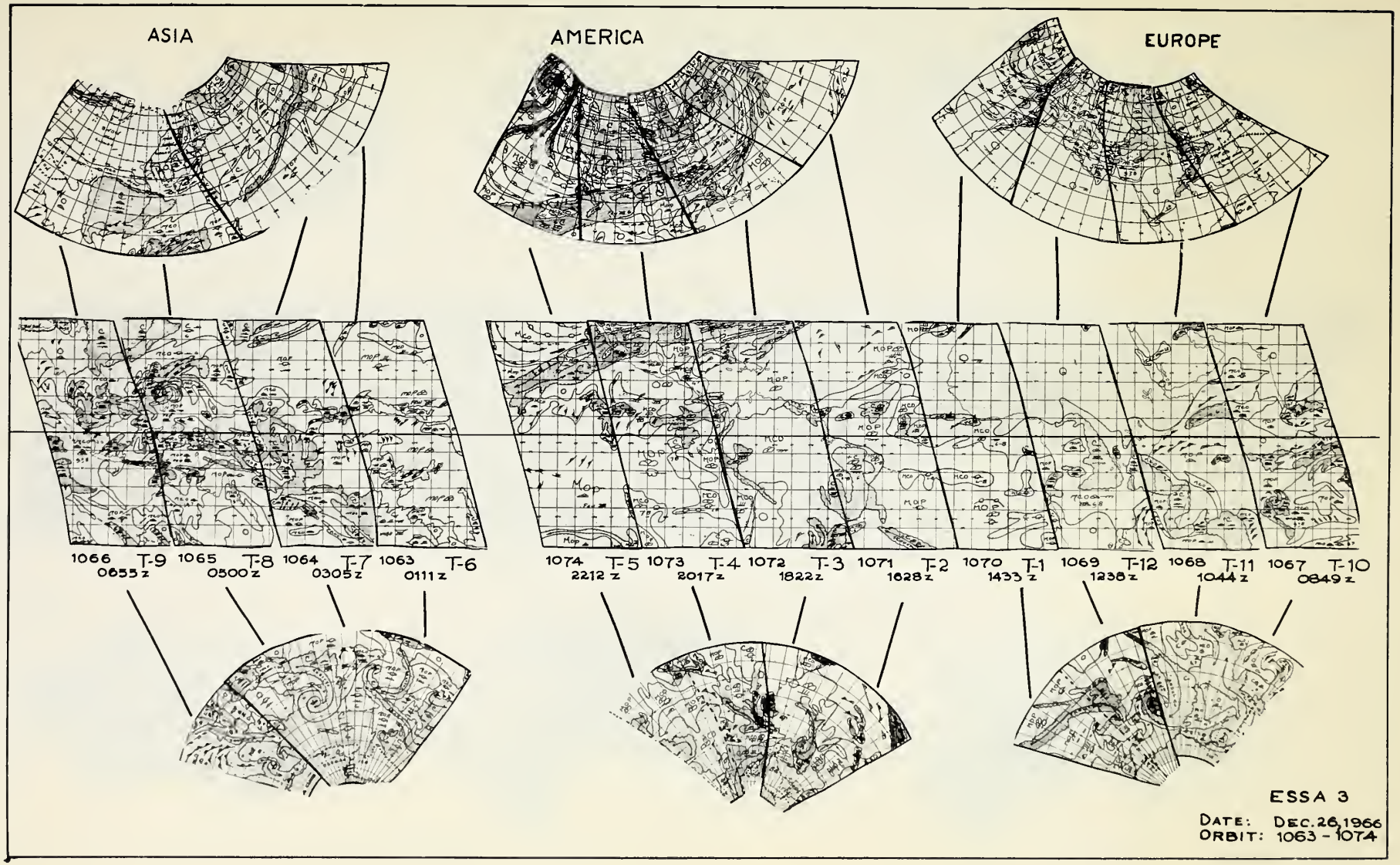
ESSA 3
DATE: Dec. 25, 1966
PASS: 1050-1062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1063 T-6 0111z
1074 T-5 2212z
1073 T-4 2017z
1072 T-3 1822z
1071 T-2 1628z
1070 T-1 1433z
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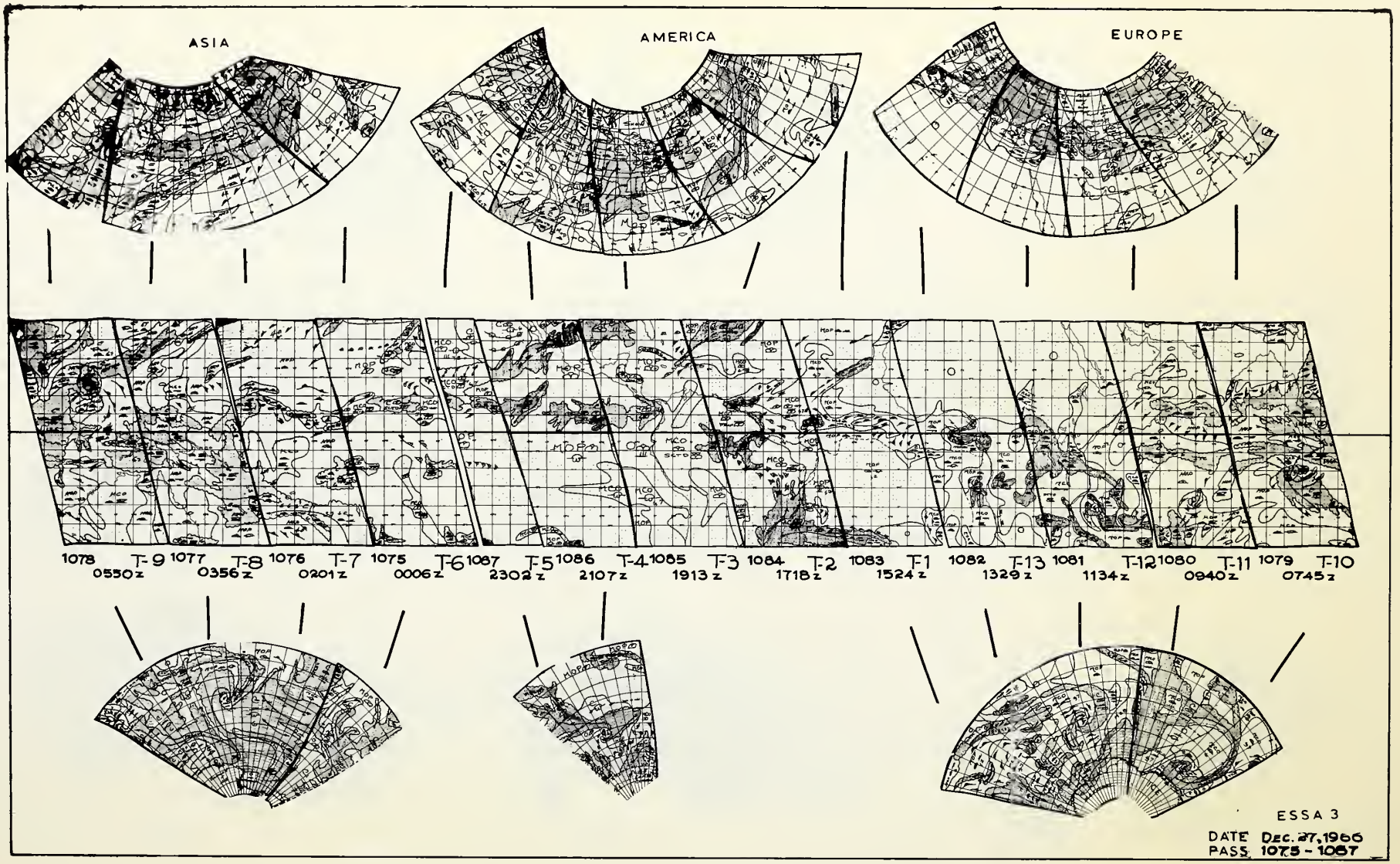
ESSA 3
DATE: DEC. 26, 1966
ORBIT: 1063 - 1074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EUROPE
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1075 T-6 0006z
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1084 T-2 1718z
1083 T-1 1524z
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1081 T-12 1134z
1080 T-11 0940z
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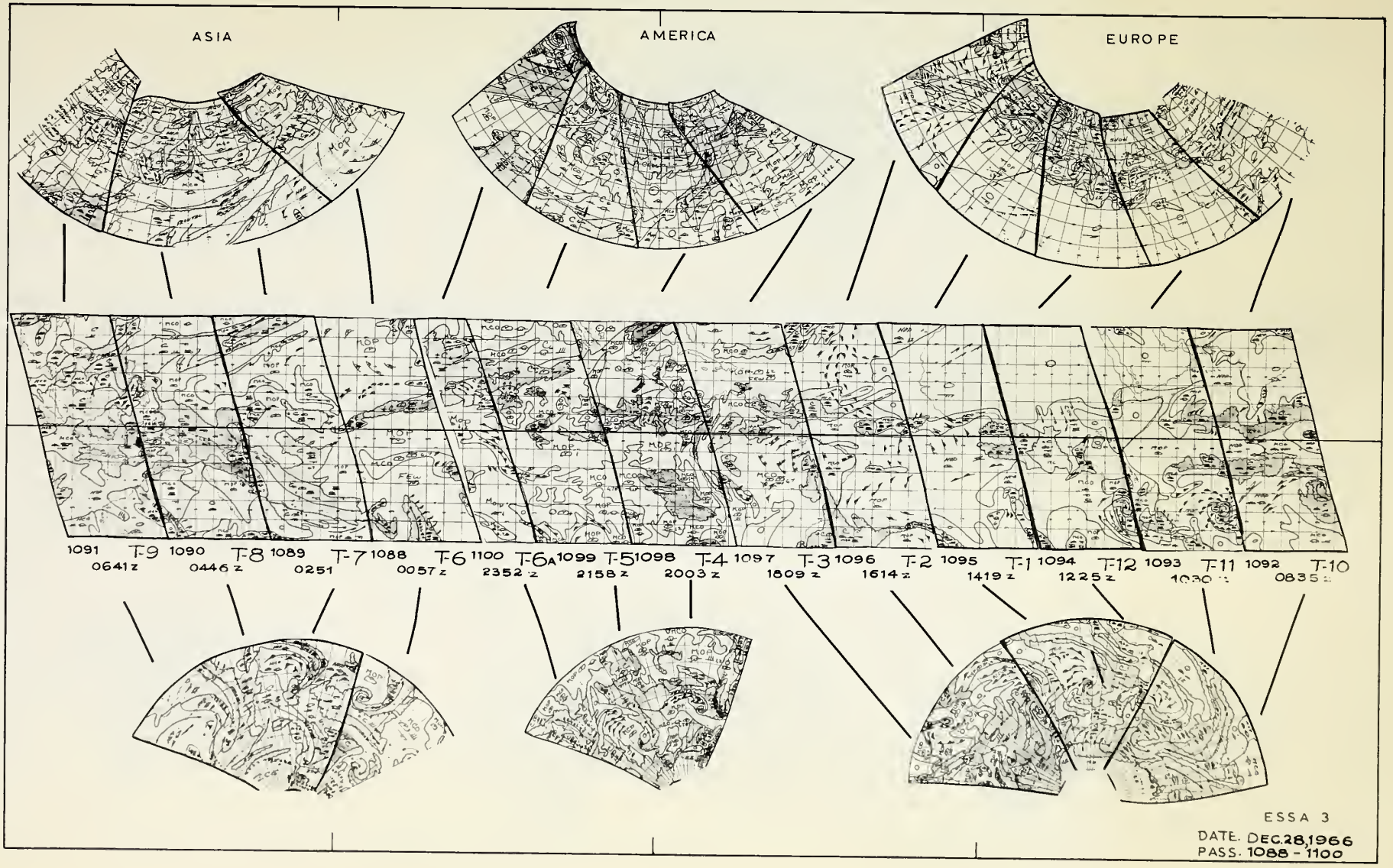
ESSA 3
DATE Dec. 27, 1966
PASS 1075 - 1087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EUROPE
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1089 T-7 0251
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1100 T-6A 2352z
1099 T-5 2158z
1098 T-4 2003z
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1096 T-2 1614z
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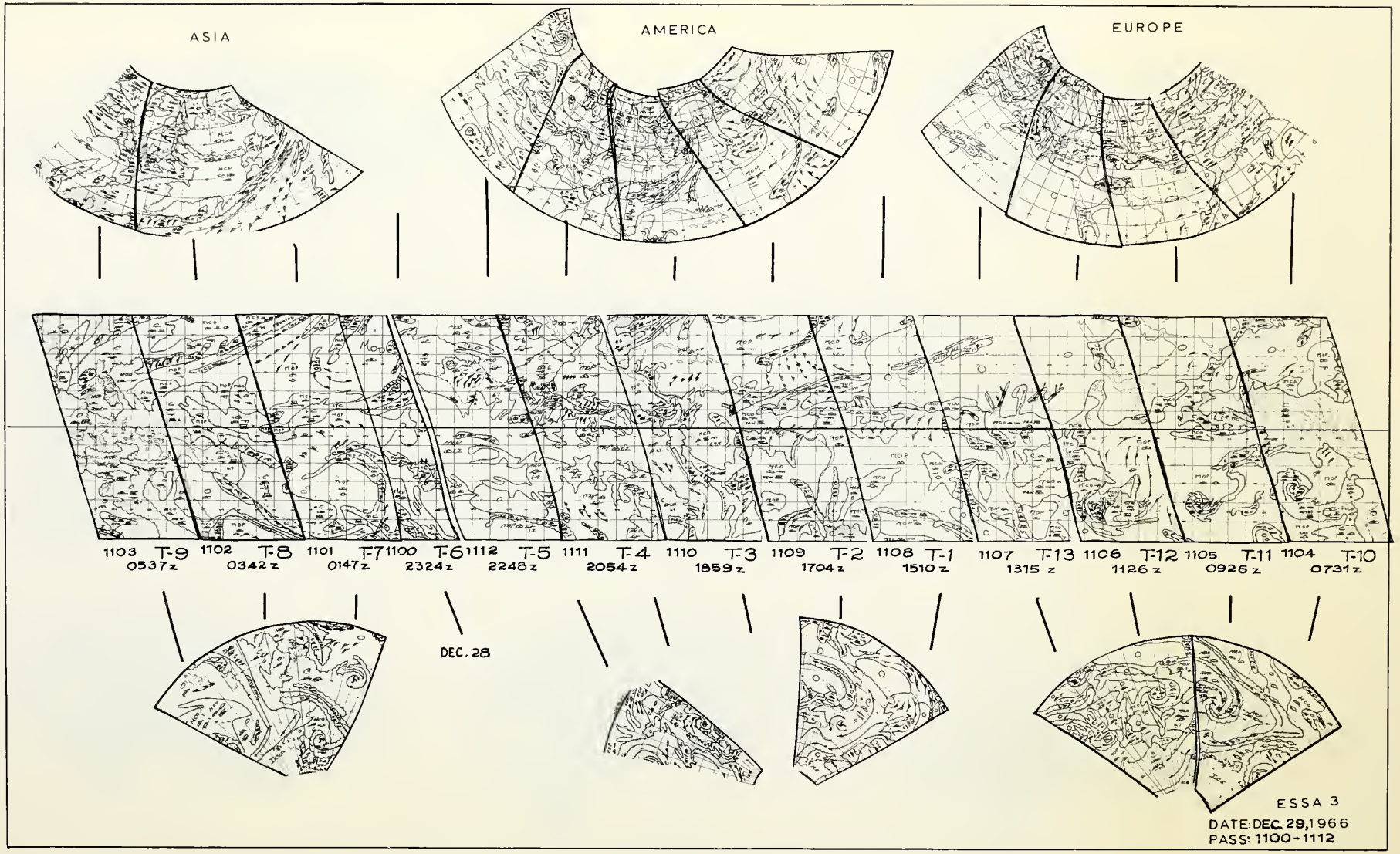
ESSA 3
DATE. DEC 28, 1966
PASS. 1088 - 1100


ASIA
AMERICA
EUROPE
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1101 T-7 0147z
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1111 T-4 2054z
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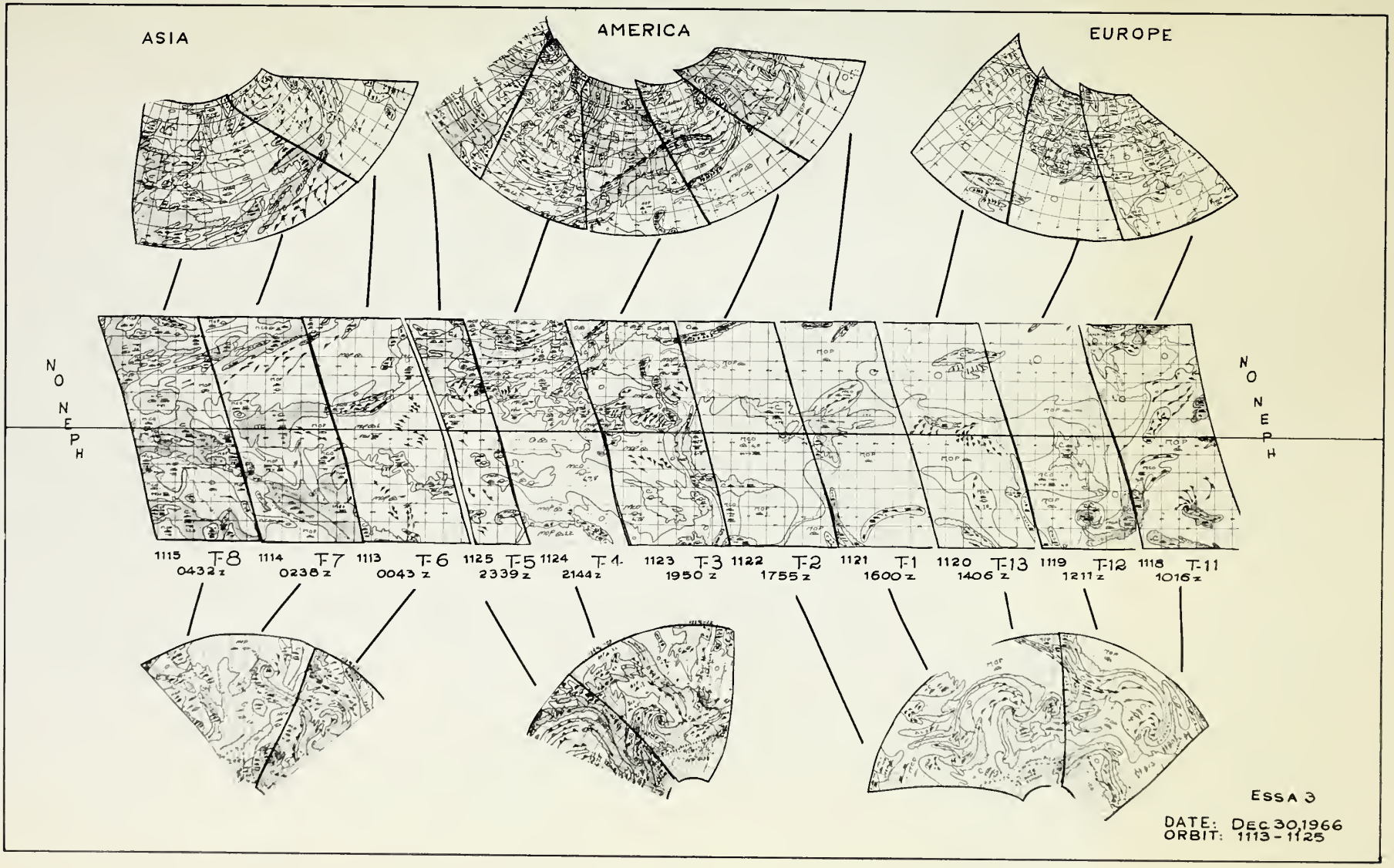
ESSA 3
DATE: DEC. 29, 1966
PASS: 1100-1112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AMERICA
EUROPE
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NO NEPH
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1114 T-7 0238z
1113 T-6 0043z
1125 T-5 2339z
1124 T-4 2144z
1123 T-3 1950z
1122 T-2 1755z
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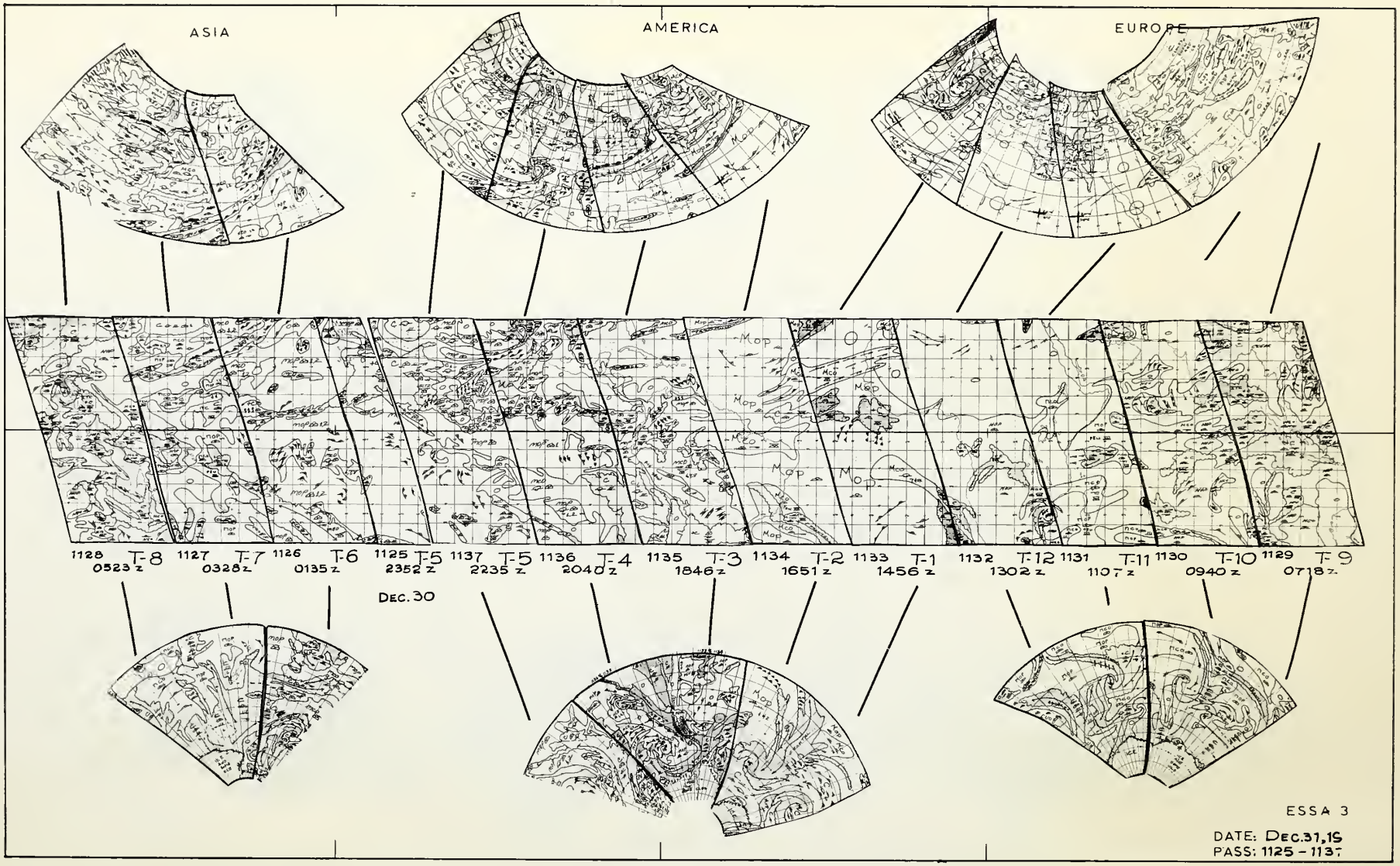
ESSA 3
DATE: DEC 30, 1966
ORBIT: 1113 - 1125


ASIA
AMERICA
EUROPE
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1127 0328 z T-7
1126 0135 z T-6
1125 2352 z T-5
1137 2235 z T-5
1136 2040 z T-4
1135 1846 z T-3
1134 1651 z T-2
1133 1456 z T-1
1132 1302 z T-12
1131 1107 z T-11
1130 0940 z T-10
1129 0718 z T-9
DEC. 30
ESSA 3
DATE: Dec.31,19
PASS: 1125 – 1137

No. 5.39 "Catalogue of Meteorological Satellite Data - TIROS IX Television Cloud Photography Part 1 January 22, 1965 to April 30, 1965", published in 1966, price $1.75.

No. 5.39 "Catalogue of Meteorological Satellite Data - TIROS IX Television Cloud Photography Part 2 May 1, 1965 to July 26, 1965", published in 1967, price $1.25.

No. 5.310 "Catalogue of Meteorological Satellite Data - TIROS X Television Cloud Photography Part 1 July 2, 1965 to September 30, 1965", published in 1967, price $1.25.

No. 5.311 "Catalogue of Meteorological Satellite Data - ESSA 1 Television Cloud Photography Part 1 February 3, 1966 to March 31, 1966", published in 1966, price $1.00.

No. 5.313 "Catalog of Meteorological Satellite Data - ESSA 3 Television Cloud Photography Part 2 January 1, 1967 to March 31, 1967", published in 1967, price $1.50.

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